CERTIFICATE OF INSURANCE
EMPLOYERS INSURANCE OF WAUSAU

This is to certify that the insurance policies (described below by a policy number) written on forms in use by the company have been issued. This certificate is not a policy or a binder of insurance and does not in any way alter, amend or extend the coverage afforded by any policy referred to herein.

( ) **This certificate renews or replaces the certificate previously issued.**

Name and address of Insured

Barge & Company, Alvin Barge,
A. C. Crockett, Jr. & O. J. Baggarly, Jr.
Partners and Barge & Company, Inc.
290 Fourteenth Street, N.W.
Atlanta, Georgia 30318

Kind of Coverage	†	Expiration Date	Policy Number	Limits of Liability				
				Bodily Injury			Property Damage	
				Each Person	Each Occurrence	Aggregate	Each Occurrence	Aggregate
Workmen's Compensation*	1	5-1-77	1417 00 040863					
Comprehensive (1) ** General Liability	1	5-1-77	1427 18 040863		300,000	300,000	100,000	100,000
Manufacturers' and Contractors' Liability								
Owners', Landlords' and Tenants' Liability								
Contractual Liability**								
Automobile (X) Owned	1	5-1-77	1427 18 040863	500,000	1,000,000		500,000	
(X) Hired and Nonowned								

(1) Products-Completed Operations: ☒ Included ☐ Excluded

† The entry of a number in this column means that the coverage is afforded by the company designated by the same number.

* Unless otherwise indicated, this policy affords full coverage under the Workmen's Compensation laws of all states (except states where coverage can be provided only by State Funds, and Canada) and as designated in the policy and endorsements for Coverage B—Employers' Liability.

* * Contractual coverage afforded applies to: ( ) contracts designated in contractual coverage part; (X) all written contracts.

Special Provisions:

Water Works Improvements

The City of Athens, Georgia included as additional named insured.

Description of Automobile, or,

Locations covered by policies listed in this certificate:

Not withstanding any requirement, term or condition of any contract or other document with respect to which this certificate may be issued or may pertain, the insurance afforded by the policy (policies) described above is subject to all of the terms, exclusions and conditions of such policy (policies) during the term(s) thereof.

Issued to:

City of Athens, Georgia
Water Works Improvement

Issued by: (X) (1.) **Employers Mutual Liability Insurance Company of Wisconsin**
( ) (2.) **Employers Mutual Fire Insurance Company**
( ) (3.) **Illinois Employers Insurance of Wausau**

Date Issued: **1-27-77** Place Atlanta, Georgia

Signed R. M. L. Davison
Authorized Company Representative

3-74

M15-5736

MASTER

SAYRE & TOSO, Inc.

S&T
SAYRE AND TOSO, INC

VERIFICATION OF INSURANCE

TO: City of Athens, Georgia
Water Works Improvement

We, the undersigned, hereby verify that the following described insurance is in force at this date, of which

_____ % is insured with Underwriters at Lloyd's, London

_____ % is insured with Certain Insurance Companies, London, England

100 % is insured with MISSION INSURANCE COMPANY

Name of Assured: Barge & Company, Inc., etal
Address of Assured: 290 Fourteenth Street, N. W.
Atlanta, Georgia 30318

Location of Risk: Same as above

Kind of Insurance: Umbrella Liability

Policy or Certificate No: M 831300

Period: From: May 1, 1976 To: May 1, 1977

Limits of Liability: $ 5,000,000 Excess Occurence & in the Aggregate Excess of various scheduled primary insurance of $ 10,000 Self-Insured Retention.

The City of Athens, Georgia included as additional named insured.

This document is furnished to you as a matter of information only. The issuance of this document does not make the person or organization to whom it is issued an additional assured, nor does it modify in any manner the contract of insurance between the Assured and the Underwriters. Any amendment, change or extension of such contract can only be effected by specific endorsement attached thereto.

For particulars concerning the limitations, conditions and terms of the coverage you are referred to the original Policy or Policies in the possession of the Assured.

The undersigned will have no responsibility to give notice of cancellation of this insurance except to the extent specifically provided herein, nor are we Insurers, however Insurance has been placed by Sayre & Toso, Inc.

SAYRE & TOSO, INC.

Dated at Atlanta, Georgia, January 27 19 77

By _____
JOHNSON & HIGGINS OF GEORGIA, INC.

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HIGHLANDS INSURANCE COMPANY

HIGHLANDS UNDERWRITERS INSURANCE COMPANY

600 JEFFERSON STREET
HOUSTON, TEXAS 77002

CERTIFICATE OF INSURANCE

NAME AND ADDRESS OF CERTIFICATE HOLDER

City of Athens
Waterworks Improvements
Athens, Georgia

NAME AND ADDRESS OF INSURED

Barge & Company
290 14th Street
Atlanta, Georgia 30318

This is to certify that the policies of insurance as described below have been issued to the insured for whom this certificate is executed and are in force at this time. In the event of cancellation or material change in a policy affecting the certificate holder, 10 days prior written notice will be given the certificate holder.

COVERAGE	POLICY NUMBER	DATE		LIMITS OF LIABILITY
		EFFECTIVE	EXPIRATION	
Workmen's Compensation and Employers Liability in the states named below Employers Liability – Coverage B				Statutory ,000
Bodily Injury Liability – Except Automobile Comprehensive: Yes No				,000 each occurrence ,000 aggregate
Property damage liability – except automobile				,000 each occurrence ,000 aggregate
Automobile Bodily Injury Liability Comprehensive: Yes No				,000 each person ,000 each occurrence
Automobile Property Damage Liability				,000 each occurrence
Automatic Builders Risk Policy All Risk Other Insurance	SP 704151	9/19/75	9/19/78	$5,000,000 each loss, disaster or casualty each location $250,000 Earthquake $250,000 Flood

Absence of entry in any space means that insurance is not afforded to the coverage opposite thereto.

This certificate of insurance neither affirmatively nor negatively amends, extends or alters the coverage afforded by Policies shown above.

Location of Operations

Description of Operations: $3,619,250 on Waterworks Improvements

Highlands Insurance Company
Highlands Underwriters Insurance Company

D. [illegible] Anderson
Authorized Representative

Date January 27, 1977

C-101 1/73

Certified Copy of

POWER OF ATTORNEY

Know all Men by these Presents, That the FEDERAL INSURANCE COMPANY, 100 William Street, New York, New York, a New Jersey Corporation, has constituted and appointed, and does hereby constitute and appoint

Andrew D. McGaughey, Richard C. Rose, Dorothy Fuller, Elizabeth Bryan, John M. Tucker, and Charles R. Underwood of Atlanta, Georgia ----------

each its true and lawful Attorney-in-Fact to execute under such designation in its name and to affix its corporate seal to and deliver for and on its behalf as surety thereon or otherwise, bonds or obligations given or executed in the course of its business, and any instruments amending or altering the same, and consents to the modification or alteration of any instruments referred to in said bonds or obligations.

In Witness Whereof, the said FEDERAL INSURANCE COMPANY has, pursuant to its By-Laws, caused these presents to be signed by its Assistant Vice-President and Assistant Secretary and its corporate seal to be hereto affixed this 28th day of July 1976

FEDERAL INSURANCE COMPANY
By

FEDERAL INSURANCE COMPANY NEW JERSEY

George McClellan
Assistant Vice-President

Richard D. O'Connor
Assistant Secretary

STATE OF NEW JERSEY }
County of Essex } ss:

On this 28th day of July 1976, before me personally came Richard D. O'Connor to me known and by me known to be Assistant Secretary of the FEDERAL INSURANCE COMPANY, the corporation described in and which executed the foregoing Power of Attorney, and the said Richard D. O'Connor being by me duly sworn, did depose and say that he is Assistant Secretary of the FEDERAL INSURANCE COMPANY and knows the corporate seal thereof; that the seal affixed to the foregoing Power of Attorney is such corporate seal and was thereto affixed by authority of the By-Laws of said Company, and that he signed said Power of Attorney as Assistant Secretary of said Company by like authority; and that he is acquainted with George McClellan and knows him to be the Assistant Vice-President of said Company, and that the signature of said George McClellan subscribed to said Power of Attorney is in the genuine handwriting of said George McClellan and was thereto subscribed by authority of said By-Laws and in deponent's presence.

Acknowledged and Sworn to before me on the date above written.

PATRICIA RYAN NOTARY PUBLIC NEW JERSEY

Notary Public

PATRICIA RYAN
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires December 11, 1978

CITY OF SHORT HILLS }
County of Essex } ss.

I, the undersigned, Assistant Secretary of the FEDERAL INSURANCE COMPANY, do hereby certify that the following is a true excerpt from the By-Laws of the said Company as adopted by its Board of Directors on March 11, 1953 and amended May 27, 1971 and that this By-Law is in full force and effect.

"ARTICLE XVIII.

Section 2. All bonds, undertakings, contracts and other instruments other than as above for and on behalf of the Company which it is authorized by law or its charter to execute, may and shall be executed in the name and on behalf of the Company either by the Chairman or the Vice-Chairman or the President or a Vice-President, jointly with the Secretary or an Assistant Secretary, under their respective designations, except that any one or more officers or attorneys-in-fact designated in any resolution of the Board of Directors or the Executive Committee, or in any power of attorney executed as provided for in Section 3 below, may execute any such bond, undertaking or other obligation as provided in such resolution or power of attorney.

Section 3. All powers of attorney for and on behalf of the Company may and shall be executed in the name and on behalf of the Company, either by the Chairman or the Vice-Chairman or the President or a Vice-President or an Assistant Vice-President, jointly with the Secretary or an Assistant Secretary, under their respective designations."

And I further certify that I have compared the foregoing copy of the POWER OF ATTORNEY with the original thereof and the same is a correct and true copy of the whole of said original Power of Attorney and that said Power of Attorney has not been revoked.

And I further certify that said FEDERAL INSURANCE COMPANY is duly licensed to transact fidelity and surety business in each of the States of the United States of America, District of Columbia, Puerto Rico, and each of the Provinces of Canada with the exception of Prince Edward Island; and is also duly licensed to become sole surety on bonds, undertakings, etc., permitted or required by law.

Given under my hand and the seal of said Company at Short Hills, N.J., this _____ day of _____, 19____.

_____
Assistant Secretary

Certified Copy of

POWER OF ATTORNEY

Know all Men by these Presents, That the FEDERAL INSURANCE COMPANY, 100 William Street, New York, New York, a New Jersey Corporation, has constituted and appointed, and does hereby constitute and appoint

Andrew D. McGaughey, Richard C. Rose, Dorothy Fuller, Elizabeth Bryan, John M. Tucker, and Charles R. Underwood of Atlanta, Georgia ----------

each its true and lawful Attorney-in-Fact to execute under such designation in its name and to affix its corporate seal to and deliver for and on its behalf as surety thereon or otherwise, bonds or obligations given or executed in the course of its business, and any instruments amending or altering the same, and consents to the modification or alteration of any instruments referred to in said bonds or obligations.

In Witness Whereof, the said FEDERAL INSURANCE COMPANY has, pursuant to its By-Laws, caused these presents to be signed by its Assistant Vice-President and Assistant Secretary and its corporate seal to be hereto affixed this 28th day of July 19 76

FEDERAL INSURANCE COMPANY
By

George McClellan
Assistant Vice-President

Richard D. O'Connor
Assistant Secretary

STATE OF NEW JERSEY
County of Essex } ss:

On this 28th day of July 1976, before me personally came Richard D. O'Connor to me known and by me known to be Assistant Secretary of the FEDERAL INSURANCE COMPANY, the corporation described in and which executed the foregoing Power of Attorney, and the said Richard D. O'Connor being by me duly sworn, did depose and say that he is Assistant Secretary of the FEDERAL INSURANCE COMPANY and knows the corporate seal thereof; that the seal affixed to the foregoing Power of Attorney is such corporate seal and was thereto affixed by authority of the By-Laws of said Company, and that he signed said Power of Attorney as Assistant Secretary of said Company by like authority; and that he is acquainted with George McClellan and knows him to be the Assistant Vice-President of said Company, and that the signature of said George McClellan subscribed to said Power of Attorney is in the genuine handwriting of said George McClellan and was thereto subscribed by authority of said By-Laws and in deponent's presence.

Acknowledged and Sworn to before me on the date above written.

Notary Public

PATRICIA RYAN
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires December 11, 1978

CITY OF SHORT HILLS }
County of Essex } ss.

I, the undersigned, Assistant Secretary of the FEDERAL INSURANCE COMPANY, do hereby certify that the following is a true excerpt from the By-Laws of the said Company as adopted by its Board of Directors on March 11, 1953 and amended May 27, 1971 and that this By-Law is in full force and effect.

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Section 3. All powers of attorney for and on behalf of the Company may and shall be executed in the name and on behalf of the Company, either by the Chairman or the Vice-Chairman or the President or a Vice-President or an Assistant Vice-President, jointly with the Secretary or an Assistant Secretary, under their respective designations."

And I further certify that I have compared the foregoing copy of the POWER OF ATTORNEY with the original thereof and the same is a correct and true copy of the whole of said original Power of Attorney and that said Power of Attorney has not been revoked.

And I further certify that said FEDERAL INSURANCE COMPANY is duly licensed to transact fidelity and surety business in each of the States of the United States of America, District of Columbia, Puerto Rico, and each of the Provinces of Canada with the exception of Prince Edward Island; and is also duly licensed to become sole surety on bonds, undertakings, etc., permitted or required by law.

Given under my hand and the seal of said Company at Short Hills, N.J., this _____ day of Feb 1, 1977.

_____
Assistant Secretary

ADJUSTMENT OF UNIT PRICES

Item No.	Description of Item	Quant.	Cost Per Unit	Total Cost of Item	Quant.	Total Cost	Delete	Add
	C.I. Fittings							
13a	Mechanical Joint	1 ton	1,500.	1,500.	.6	900.00	600.00	
13b	Flanged	1 ton	2,000.	2,000.				
	Plug Valves (Flanged) (Use Type in Base Bid)							
14a	4-inch	2 ea.	120.00	240.	0	0	240.	
14b	6-inch	2 ea.	195.00	390.	0	0	390.	
14c	8-inch	2 ea.	285.00	570.	0	0	570.	
	Total All Items Section III			16,250.			13,910	14,348.00

ADJUSTMENT OF UNIT PRICES

Item No.	Description of Item	Quant.	Cost Per Unit	Total Cost of Item	Quant.	Total Cost	Delete	Add
	Excavation of Backfill							
10a	Earth Structure	150cy	.70	105.	0	0	105.	
10b	Earth trench	150cy	1.50	225.	0	0	225.	
10c	Rock Excavation	100cy	15.00	1,500.	0	0	1,500.	
10d	Crushed Stone backfill	150cy	5.00	750.	1156.6	5,783.00		5,033.00
10e	Steel sheeting, left in place	200sf	3.00	600.	0	0	600	
	Concrete Work							
11a	Class "A" Concrete	20cy	28.00	560.	0	0	560.	
11b	Class "B" Concrete	20cy	26.50	530.	0	0	530.	
11c	Class "C" Concrete	30cy	23.00	690.	435	10,005.00		9,315.00
11d	Reinforcing Steel	3 ton	440.00	1,320.	0	0	1,320.	
11e	Contact Forms	1000sf	1.00	1,000.	0	0	1,000.	
	C.I. Pipe, in Place (M.J. or Flange)							
12a	2-inch	40 lf	4.00	160.	0	0	160.	
12b	4-inch	30 lf	5.00	150.	0	0	150.	
12c	6-inch	30 lf	12.00	360.	0	0	360.	
12d	8-inch	20 lf	8.00	160.	0	0	160.	
12e	10-inch	20 lf	10.00	200.	0	0	200.	
12f	12-inch	20 lf	12.00	240.	0	0	240.	
12g	16-inch	20 lf	20.00	400.	0	0	400.	
12h	24-inch	20 lf	27.00	540.	0	0	540.	
12i	20-inch	20 lf	45.00	900.	0	0	900.	
12j	36-inch	20 lf	58.00	1,160.	0	0	1,160.	

OFFICAL FILE COPY

CONTRACT MODIFICATION

Change Order Request No. XI

Project No.: B-75-HN-13-0003

Date: 26 July 1979

Location: Athens, Georgia

Contract No.:

Type: Water Works Improvements

Description of Change: See attachments.

Additions to Contract:

1.	Sales tax	13,174.75
2.	Center Piers of 1 & 2 Clarifiers	14,812.00
3.	Wash Water Lines in Tanks	5,280.00
4.	Valves at Lime Feed Lines	553.00
5.	Electrical Changes	3,157.75
6.	Relocate Overflow in Clarifiers	702.00
7.	Relocate 85' of 20" Raw Water Line	5,527.00
8.	Paving of Road at Lake	3,000.00
9.	Sludge Drain Change	8,998.00
10.	Adjustment of Unit Prices	438.00
	Total Contract Increase	55,641.75

Original Contract Amount	$3,619,250.00
Change Orders I through X	236,507.69
Change Order XI	55,641.75
Revised Contract Amount	3,911,399.44

Additional Funds are to be provided in the following manner: Contingency Funds

Extension of Contract Time Required: None Requested

This Change is Acceptable: BARGE AND CO., INC., Contractor

By: John H. Wagener, Sec.-Treas.

Recommended: WIEDEMAN AND SINGLETON, INC., Engineers

By: Billy R. Travis

Approval of Change is Requested: _____, Owner

By: Lauren M. Coils

WATER TREATMENT PLANT
OPEN CHANGE ORDERS

1. SALES TAX		13488.59 ~~13,194.25~~
2. REBUILD CLARIFIERS 1 & 2		14812.00
3. WASHWATER LINES IN TANK		5280.00
4. VALVES AT LIME FEED LINES		553.00
5. MOTOR REWIND		575.00
6. RELOCATE OVERFLOW PIPE		702.00
~~7. EXTRA PAVING AT LAKE~~	$3,000	~~4590.00~~
8. CRUSHED STONE @ RAILROAD CROSSING	unit price	4722.00
9. CRUSHED STONE @ FILTER BUILDING	unit price	1061.00
10. RELOCATE 85' - 20" RAW WATER LINE		5527.00
11. RELOCATION OF SLUDGE DRAIN		8998.00
12. ELECTRICAL HOOK UP of EXISTING SAMPLE PUMP		560.83
~~13. CONTROLLERS~~		~~1986.54~~
~~14. SAFETY GLASS IN DOORS PER REVISED NATIONAL STDS.~~		561.20
15. WIRE UNIT HEATER IN BOILER ROOM		254.61
16. POWER WIRING ON HYDROFLUOSICIC		240.63
17. POWER WIRING ON CHLORINE & LOSS of WEIGHT SCALES		270.05
18. POWER WIRING TO EXHAUST FAN E-5		604.11
19. RELOCATION of POWER WIRING TO SLUDGE DRAIN VALVES		652.52
~~20. EXTRA CLASS "A" & "C" CONCRETE~~		~~25,000.00~~
		~~90124.24~~

BARGE AND COMPANY, INC.

JOB NO. _____ PAGE NO. ___ OF ___

JOB NAME Athens -

JOB LOCATION EXTRA SLUDGE DRAIN MANHOLE

ESTIMATE SUMMARY

CODE NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	ESTIMATED SUB-CONTRACT COST	LABOR ESTIMATED UNIT COST	LABOR ESTIMATED TOTAL COST	MATERIAL ESTIMATED UNIT COST	MATERIAL ESTIMATED TOTAL COST	ESTIMATED TOTAL COST	LINE NO.
1	2	3	4	5	6	7	8	9	
									1
	EXCAVATION -								2
	CRANE, TRUCK,	10 HRS.				15.00	150	150.	3
	Air Comp., Drill						700.	700.	4
	Blasting Supplies. R.I. STEEL						200.	200.	5
	CARP. FORMAN	53 HRS		10.60	562.		-	562	6
	OPERATOR	67 HRS.		8.15	546.		-	546.	7
	LABOR	127 HRS		4.50	572		-	572.	8
	CRANE	40 HRS	2400.	60.00	-		-	2,400.	9
									10
	CONCRETE PLACEMENT								11
	CARP FOREMAN	3 HRS		10.60	32		-	32	12
	OPERATOR	4 HRS		8.15	33.		-	33	13
	LABOR	8 HRS.		4.50	36.		-	36.	14
	CRANE	4 HRS	240	60.00	—		-	240	15
	CONCRETE	5 C.Y			—	30.00	150.00	150	16
	STONE	10 TONS		5.00	50.00	5.00	50.00	100.	17
									18
	FORM WALLS, PLACE								19
	R.I. STEEL, STRIP								20
	WALLS & SLAB								21
	CRANE	6 HRS	360.	60.00	—		—	360.	22
	CARP. FORMAN	31 HRS		10.60	329		-	329.	23
	CARP.	30 HRS		8.50	255.		-	255.	24
	LABOR	50 HRS		4.50	225.		-	225.	25
	IRON WORKER	~~8.15~~ 14 HRS		8.15	114.		-	114.	26
	SUB-TOTAL		3000.		2754.		1250	7,004.	27
	TAXES, INSUR & FRINGE				771.		50	821.	28
	SUB-TOTAL		3000		3525		1300	7825.	29
	15+0% O.H & P							~~782.~~ 1173	30
	TOTAL							~~8607.~~ 8998.00	31
									32
									33

BARGE AND COMPANY, INC.

290 Fourteenth St., N. W. 872-5895

ATLANTA, GEORGIA

TRIP TICKET & TRANSFER SHEET

Driver _____ Date _____

Leave Whse. _____ Wk. End. _____

CHARGE _____ ARRIVE _____ LEAVE _____

CREDIT _____

Labor For Digging X 1/2 EQUIP Son Bunch PRICE

10.60 Carp Forman 6-3-4-8-8-8-2-4-6-4- A/R Comp

8.15 Oper 16-6-4-8-8-8-6-10½- 3 DAYS etc.

4.50 labor 16-6-8-20-24-16-8-12-4½-12- mill,

Concrete Placement Footing & ~~Walls & Stair~~

Carp. Foreman 3 hrs. oper 5 hr. Labor 4 hrs.

Concrete in Footing 5 C.Y. + CRUSHER RUN

Form walls

Carp. foreman 8-5-8-6

Carp. 8-8-8-6

Labor. 8-8-8

Iron worker 6-8

Total Cost $ _____ Hours _____

RECEIVED _____

Strip Walls & Slab

Carp. foreman - 2-2

labor - 5-6½-8-6-

BARGE AND COMPANY, INC.
CONTRACTORS & ENGINEERS
290 14TH ST., N. W. TEL. 872-5893
ATLANTA, GEORGIA 30318

ALVIN BARGE, PRES.
JOE BAGGARLY, VICE PRES.
JOHN WAGENER, SEC. & TREAS.

February 4, 1980

Wiedeman & Singleton, Engineers
1789 Peachtree Road, N. E.
Atlanta, Georgia 30309

Attention Mr. Billy Travis

Gentlemen:

Water Treatment Plant Expansion
Athens, Georgia

Please prepare a change order in the amount of $13,434.77 for additional costs incurred due to the installation of the Clarke County Local Option Sales Tax.

As requested by the owner, we have included a listing of vendor, item description, material cost, and local option tax cost.

We have also enclosed a certification from our accounting firm, Gaddis & Eidson.

Yours very truly,

BARGE AND COMPANY, INC.

John H. Wagener

John H. Wagener

JHW:des
Enclosure

GADDIS & EIDSON
CERTIFIED PUBLIC ACCOUNTANTS
3301 BUCKEYE ROAD
ATLANTA, GEORGIA 30341
TELEPHONE 451-7726

February 4, 1980

Re: Barge and Company, Inc.
Water Filtration Plant Expansion Job
Athens, Georgia

We hereby certify that we have examined the paid check voucher copies and the supporting invoices for each from which the accompanying thirteen pages of listings were prepared. Listings on the first eleven pages are from invoices on which a 4% Sales Tax was paid, being those billed by suppliers local to job area, or suppliers whose invoices specified Athens delivery.

Listings on Pages 12 and 13 are from paid invoices applicable to this Athens job but on which only a 3% Sales Tax was charged and paid; the 1% local Clarke County tax on these was paid by Barge and Company's check for $9,733.41 to the Department of Revenue dated February 4, 1980.

Therefore, based on our examination, the local option Clarke County 1% tax paid by Barge and Company, Inc., on material costs on this job totaling $1,343,477.48 (370,123.15 plus 973,341.33) is certified to be $13,434.77.

GADDIS & EIDSON

By William P. Eidson
Partner

Waterworks Improvements, Athens, La.

PRINTED IN U.S.A.

C = Can't tax — Not paid

1978	Vendor	Description	Material Cost (on which tax was paid)	✓	1% Clarke Tax (as indicated or computed)
Jan	Anderson Auto	Eqpt parts	214.24	C	2.14 C
	" Rebuilders	Generator	65.00	C	.65 C
	Athens Concrete	Mortar Mix	51.00	C	.51 C
	Athens Hdwe	Rope, Oil, Plugs Etc	84.60	C	.85 C
	Concrete Prod.	Poreta Sheet & Pile Clips	2719.00	C	27.19 C
	Barron's Rental	Repairs	26.00	C	.26 C
	Clark Sd. Supply	Hose, Clamps, Tile Etc	181.26	C	1.81 C
	Compressed Cylinders	Oxygen, Repairs, Hard Hats	62.24	C	.62 C
	Diamond Drill & Dia Co.	Fasteners	120.00	C	1.20 C
	Farmers Hdwe	Grinding Wheels	23.60	C	.24 C
	Florida Steel Corp	Access Items - Walkway	823.00	C	8.23 C
	General Elec. Co	Rent Payment	1229.50	C	12.29 C
	Gagan Oil Co.	Gas & Oil	121.260	C	1.213 C
	Jackson Ready Mix	Concrete Grader & Sand	10500.59	C	105.00 C
	Maxwell & Kitchens	Lin Wire	~~83.45~~	C x	Bill in Mail ~~.83~~ ?
	Miller Southern	Collar	51.48	C	.51 C
	Miller Southern	Shift Collar	78.71	C	.79 C
	Statham Machinery	Paints, Pine & Locks	136.05	C	1.36 C
	Taylor Rental	Rental - Equip	188.50	C	1.88 C
Feb	Anderson Auto Parts	Eqpt Parts	82.67	C	.83 C
	Anderson Carburetor	Eqpt Repair	10.85	C	.11 C
	Anderson McGriff	Lbr. & Nails	273.585	C	2.736 C
	Anderson Rebuilders	Brake Fluid	4.65	C	.05 C
	Armstrong & Dabbs	Masonite	84.84	C	.85 C
	Athens Concrete Prod	Concrete Brick	136.50	C	1.37 C
	Athens Hardware	Plastic - Nails Etc	656.44	C	6.56 C
	Black & Decker	Eqpt Parts	109.62	C	1.10 C
	Bunch - Lowe Inc	Tools	~~362.73~~	C x	Bill in Mail ~~3.63~~ ?
	Statham Machinery	Filter	11.38	C	.11 C
	Clark Sd. Supply	Eqpt Parts	158.53	C	1.59 C
	Compressed Cylinders	Oxygen	60.67	C	.61 C
	Crenshaw Supply Co.	Wall Ties	735.42	C	7.35 C
	Farmers Hdwe.	Bolts & Nuts	25.37	C	.25 C
	Florida Steel	Steel Bars	43.00	C	.43 C
	Gagan Oil Company	Gas & Oil	1588.52	C	15.89 C
	Hardgrave Lbr. Co.	Pine Lumber	11.658.81	C	116.66 C
	Hardgrave Lbr. Co.	"	994.96	C	9.95 C
	Jackson Ready Mix	Cement	22799.72	C	228.00 C
	Maxwell & Kitchens	Sandgravel	78.41	C	.78 C
	National Chemsearch	Lube - Shield	136.00	C	1.36 C
			~~49,775.75~~ 49,326.45		~~497.75~~ 493.27

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1978	Vendor	Description		Material Cost		1% Clarke Ref.	
Mar	Anderson Auto Parts	Equip. Parts		48.61	C	.49	C
	Anderson Rebuilders	Brushes		2.50	C	.03	C
	Armstrong & Dabby	Duck Tape		27.89	C	.30	—
	Athens Concrete Prod.	Cement		49.60	C	.50	C
	Athens Hdwe Co.	Nails & Bolts		34.09	C	.347	C
	Bradam Welding	Make & Dies		20.00	C	.20	C
	Clarke Ind. Supply	Fittings - Paint		61.31	C	.61	C
	Compressed Cylinders	Oxygen		55.09	C	.55	C
	Crenshaw Supply Co.	Poly Tie		59.50	C	.60	C
	Diamond Drill & Tool	Fasteners		248.00	C	2.48	—
	Farmers Hdwe of Athens	Nails		69.30	C	.69	C
	Florida Steel Corp	Fabricated Steel Bar		1761.00	C	17.61	C
	Gulf Equip Co (Bailey)	Valves		2125.00	C	21.25	C
	Hagan Oil Co.	Gas & Oil		1419.00	C	14.19	C
	Jackson Ready Mix	Concrete		1131.72	C	11.316	C
	J. R. Leopell Co.	Water Troughs & Hdwe.		4845.00	C	48.453	C
	Lathan Mach & Equip	Plates, Elbows & Rods		1524.7	C	1.23	C
	Superior Rope & Sling	Wire Rope Sling		55.38	C	.55	C
	Taylor Rental	Rental		208.00	C	2.08	C
	Yancey Bros Co.	Equipment Parts		318.60	C	3.19	C
Apr.	Allied Prod. Co.	Conc. Pipe		92.80	C	.93	C
	Anderson Auto Parts	Equip. Parts		73.69	C	.74	C
	Anderson Auto Parts			89.52	C	.90	C
	Anderson McCliff	Lumber		999.78	C	9.93	C
	Anderson Rebuilders	Regulator		33.84	C	.34	C
	Armstrong & Dabby	Masonite		16.03	C	.16	C
	Athens Concrete Prod.	Concrete Brick		100.50	C	1.00	C
	Athens Hdwe. Co.	Shell - Wrench - Nails		243.88	C	2.44	C
	Barron's Rental	Rent Saw & Hammer		36.00	C	.36	C
	Caine Steel Co.	Steel Bar		811.72	C	8.12	C
	Chatham Mach.	Rings & Nuts		~~2904~~	x 337.28	~~29.04~~	x 3.37
	Clarke Ind. Supply	Hose & Couplers		101.51	C	1.02	C
	Compressed Cylinders	Oxygen		88.46	C	.88	C
	Crenshaw Supply Co.	Poly Tie		44.00	C	.44	C
	Farmers Hdwe	Pipe		21.38	C	.21	C
	Ga. Nut & Bolt Co.	Drill		27.40	C	.27	C
	Hagan Oil Co.	Gas & Oil		1143.68	C	11.44	C
	Hardgrove Lbr.	Lumber		1410.70	C	14.81	—
	Jackson Ready Mix	Concrete		5234.89	C	52.35	C
	Kirkwood Elec Co	Brush		2.70	C	.03	C
				~~36,603.01~~		~~360.03~~	
				86,936.50		869.41	

Waterworks Improvement, Athens Ga

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1978	Vendor	Description	Material Cost	1% Clarke Ind
Apr.	National Chemsearch	Lube Shield	136.00 C	1.36 C
	Sybron/Leopold	Wash Water Trough	9013.00 C	90.13 C
	Scottdale Metal Co.	Gutters Etc	161.07 C	1.61 C
	Taylor Rental Center	Rental Drill	150.00 C	1.50 C
May	Anderson Auto	Equipment Parts	66.02 C	.66 C
	Anderson Rebuilders	Rebuilt Switch	208.87 C	2.09 C
	Armstrong & Dabbs	Masonite	34.61 C	.35 C
	Athens Concrete	Cement	66.00 C	.66 C
	Athens Hardware	Tie Wire - Nails Etc	299.73 C	3.00 C
	Dept of Rev. (Bailey & Co)	Bolts & Nuts	100.44 C	1.00 C
	Chatham Mach. Co.	Kits for Machinery	185.50 C	1.86 C
	Clarke Ind. Supply	File & Hose	27.99 C	.28 C
	Compressed Cylinder	Oxygen	105.71 C	1.02
	Crenshaw Supply Co	Ply Tie	261.50 C	2.62 C
	Daigh Equipment	Carbide Rib	115.48 C	1.16 C
	Denny & Associates	Nuts & Bolts	286.68 C	2.87 C
	Diamond Drill & Pin	Pins	120.00 C	1.20 C
	Farmers Hdwe	Bits & Hammer Handles	38.50 C	.39 C
	Florida Steel Corp	Reinforcing Steel Bar	1606.00 C	16.06 C
	Hagan Oil Co	Gas & Oil	1008.72 C	10.09 C
	Hagan Lbr. Co.	Lumber	1074.13 C	10.74 C
	Jackson Ready Mix	Concrete	11640.72 C	116.40 C
	Leopold - Sybron	Wash Water Trough	10815.00 C	108.15 C
	National Chemsearch	Aerosol	60.00 C	.60 C
	Superior Window (Go Out Rec)	Alum. Windows	625.00 C	6.25 C
	Taylor Rental	Rent	100.00 C	1.00 C
June	Anderson Auto Parts	Filters - Plugs	204.92 C	2.05 C
	Anderson Rebuilders	Rebuilt Starter	145.00 C	1.45 C
	Armstrong & Dabb	Masonite	16.00 C	.16 C
	Athens Hardware	Shovels - Stoves	197.97 C	1.98 C
	Ga Dept of Rev. (Bailey)	Valves	2500.00 C	25.00 C
	Barron Rental	Jacks Rental	9.00 C	.09 C
	Capital Explosive	Dynamit	~~318.20~~ C	pd 4% but not to Clarke Co. ~~2.13~~ C
	Clarke Ind. Supply	Insects & Paint	85.64 C	.86 C
	Farmers Hardware	Pipe	20.15 C	.20 C
	Florida Steel Corp	Reinf. Steel Bar	2291.00 C	22.91 C
	Go-Air Inc.	Parts	14.25 C	.14 C
	Hagan Oil Co.	Gas & Oil	1084.48 C	10.84 C
	Jackson Ready Mix	Concrete	8101.00 C	81.01 C
	Kirkwood Elec	Brush	5.40 C	.05 C
			~~189862.69~~ 52981.42 C	~~1898.65~~ 529.75 C

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1978	Vendor	Description	Material Cost		1% Clarke Inf.	
June	Sydney Lippell	Underdrain	37103.00	C	371.03	C
	National Shemanek	Lube-Shield	136.00	C	1.36	C
	Superior Pipe & Sling	Rent	112.14	C	1.12	C
	Taylor Rental	Rent	33.00	C	.33	C
	Thompson Fabricating	Gates	2668.00	C	26.68	C
July	Ziegler	Level	55.50	C	.55	C
	Anderson Cast Iron	Valve	714.12	C	7.14	C
	Anderson Auto Parts	Plugs	83.46	C	.83	C
	Anderson McGriff	Lumber	488.00	C	4.88	C
	Anderson Rebuilders	Actuator	29.10	C	.29	C
	Atkins Hardware	Nails - Tape Etc	414.07	C	4.14	C
	Barron's Rental	Pump Diaphram	15.08	C	.15	C
	Burch-Lowe Inc.	Shaft Assy	145.00	C	1.45	C
	Capital Explosives	Dynamite (Pickup)	~~465.60~~		~~4.65~~	
	Chatham Machinery	Fits	39.75	C	.40	C
	Clarke Ind. Supply	Adapter Hose Etc	50.66	C	.51	C
	Compressed Cylinders	Oxygen	79.64	C	.80	C
	Compressed Cylinders	Oxygen	70.86	C	.71	C
	Griesheim Supply Co.	Oxy Tie	134.38	C	1.35	C
	Haigh Equipment	Carbide Bit	164.84	C	1.65	C
	Diamond Drill & Bit	Loads & Pins	120.00	C	1.20	C
	Farmers Hardware	Wheel Seal	276.25	C	2.76	C
	Jackson Ready Mix	Concrete	6602.40	C	66.02	C
	Maxwell & Hitchcock	Sonogrout (Pickup)	~~245.03~~		~~2.45~~	
Aug	Anderson Auto Parts	Nuts	64.10	C	.64	C
	Anderson McGriff	Hardware Blank	17.50	C	.17	C
	Armstrong & Dabl	Salventhene	62.69	C	.63	C
	Atkins Hardware	Nails - Hammer	112.66	C	1.13	C
	Dept of Rev (Bailey)	Gates	8554.56	C	85.55	C
	Barron Rental Center	Saw Rental & Mace	76.50	C	.77	C
	Chatham Machinery	Steel Drill	166.45	C	1.66	C
	Clarke Ind. Supply	Fitting - Hose Etc	51.95	C	.52	C
	Compressed Cylinders	Oxygen	65.50	C	.66	C
	Electrunics Steel	Lap to Jan. 1978	30245.00	C	302.45	C
	Construction Steel	Bolts	254.50	C	2.55	C
	Farmers Hardware	Bits & Rebar	54.69	C	.55	C
	Greenlee Company	Valve	483.08	C	4.83	C
	C & L Nat'l (Hagen)	Gas & Oil	1259.38	C	12.59	C
	Jackson Ready Mix	Concrete	2994.15	C	29.94	C
	Maxwell & Hitchcock	Protect A Plug	13.65	C	.13	C
			~~24,201.43~~		~~242.01~~	
			94,202.11		942.02	

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1978	Vendor	Description		Material Cost		1% Clarke Surf	
Aug	Statham Mach.	Paints, Oil & Lube		1360	C	13.7	
	Yancey Bros. Co.	Fittings & Nuts		4797.8	C	48.0	C
Sept	Anderson Auto Parts	Cables		53.65	C	5.4	C
	Anderson Rebuilders	Starter Exchange		233.4	C	2.3	C
	Agri Supply Co.	Switches		1251.30	C	12.51	C
	Ochens Hardware Co.	Nails & Clamps		241.20	C	2.41	C
	Barron's Rental Center	Jack Rental		31.00	C	.31	C
	Rench-Lowe Inc.	Bierpheam		68.00	C	.68	C
	Clarke Ind. Supply	New Clamps		8.18	C	.08	C
	Construction Steel	Railing & Lockers		990.55	C	9.91	C
	Cleveland Motor (Repty Rec)			4525.00	C	45.25	C
	Compressed Cylinders	Oxygen		43.06	C	.43	C
	Greenhaw Supply Co.	Oly Lee		65.00	C	.65	C
	Farmer's Hdwe	Parts		8.66	C	.09	C
	C&S Natl Bank (Hagan Oil Co.)	Gas & Oil		1221.35	C	12.21	C
	Kyle Inc	Concrete Slab		50.00	C	.50	C
	Jackson Ready Mix	Concrete		1756.64	C	17.57	C
	Maxwell & Hitchcock	Greases - a - Oling		71.60	C	.72	C
	Mayer Elec Supply	Furnace		137.40	C	1.37	C
	National Showcase	Lube Shield		136.00	C	1.36	C
	Yancey Bros	Equipment Parts		184.98	C	1.85	C
Oct	Anderson Auto Parts	Plugs - Modes		92.22	C	.92	C
	Armstrong & Tabbs	Strips		19.00	C	.19	C
	Ottaway & Howell	Lightwire		1660.80	C	16.61	C
	Ochens Hardware	Life Vest & Gooding		270.21	C	2.70	C
	Barron Rental Center	Concrete Blades		25.00	C	.25	C
	Clarke Ind. Supply	Saw Blades & Bits		73.46	C	.73	C
	Compressed Cylinders	Oxygen		112.33	C	1.12	C
	Construction Steel	Alum. Railing		4840.00	C	48.40	C
	Farmer's Hdwe	Rubber Gloves		3.50	C	.04	C
	Greenlees Company	Extensions		113.92	C	1.14	C
	C&S Natl Bk (Hagan Oil)	Gas & Oil		414.65	C	4.15	C
	Harper Sheeler Co.	Brick		101.85	C	1.02	C
	Jackson Ready Mix	Concrete		1494.38	C	14.94	C
	Maxwell & Hitchcock	Lubricant		20.42	C	.20	C
				~~399.44~~		~~3.99~~	
	Southern B&L Co.	Windows		525.00	C	5.25	C
	Yancey Bros	Parts for Equipment	Van Gas - 71.17 Pickup - 2.08	71.17	C	.71	C
				~~73.25~~		~~.73~~	
Nov	Jackson Ready Mix	Concrete		792.00	C	7.92	C
	Anderson Auto Parts	Modes & Spark Plugs		53.23	C	.53	C
	Anderson McGriff	Bow		79.10	C	.80	C
				~~26,639.99~~		~~313.54~~	
				31,353.30		313.54	

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1978	Vendor	Description	Material Cost		1% Glacier Tax	
Nov.	Armstrong & Dobbs	Signs	1.10	C	.01	C
	Athens Hardware	Tape - Hammer	119.06	C	1.19	C
	Clarke Ind. Supply	Clamps	2.63	C	.03	C
	Compressed Cylinder	Oxygen	111.22	C	1.11	C
	Construction Steel	Alum Railings	1040.00	C	10.40	C
	Farmers Hdwe	Lock Set	7.44	C	.07	C
	Florida Steel	Reinforcing steel	1702.83	C	17.02	C
	Florida Steel	Reinforcing steel	58.00	C	.58	C
	C & S Nat'l (Hogan)	Gas & Oil	40.25	C	.40	C
	Hardware Spec	Door & Knobs	44.95	C	.45	C
	Maxwell & Hitchcock	Protect - A. Plug	35.80	C	.36	C
	Peavy Materials	Thoroseal	29.00	C	.29	C
	Taylor Rental Center	Rental	126.00	C	1.26	C
Dec.	Anderson Auto Parts	Filters - Plugs Etc	96.75	C	.97	C
	Adams Explosives	Chloride Cell	9.50	C	.10	C
	R. S. Armstrong	Points	~~55.80~~	Mark	~~.56~~	
	Armstrong & Dobbs	Expansion Joints	107.30	C	1.07	C
	Athens Concrete Prod	Concrete Brick	30.00	C	.30	C
	Athens Hardware	Bolts, Nuts - Paint	116.66	C	1.17	C
	Athens Lumber Co	Stripe	22.91	C	.23	C
	Barron's Rental	Rent Jack Hammer	264.00	C	2.64	C
	Bob Cat of Atlanta	Equipment Rental	~~2290.88~~ 2222.00	C	~~22.91~~ 22.22	C
	Clarke Ind. Supply	Tape - Washers	31.69	C	.32	C
	Compressed Cylinder	Oxygen	90.68	C	~~.91~~ .74	C
	Crenshaw Supply Co.	Ply Tie	116.24	C	1.16	C
	Daigh Equipment	Mail Point	28.80	C	.29	C
	Greenlees Co.	Valve	~~341.76~~	Not located	~~3.42~~	
	C & S Nat'l (Hogan)	Gas & Oil	557.57	C	5.58	C
	Jackson Ready Mix	Cement	618.68	C	6.19	C
	Maxwell & Hitchcock	Weld Crete	200.05	C	2.00	C
	Taylor Rental	Welder - Gas Rental	510.00	C	5.10	C
	Wallace & Tiernan	Eductor	130.00	C	1.30	C
	Williams Energy Co.	Propane Gas	~~45.91~~	Not clear	~~.46~~	
1979 Jan.	Anderson Auto Parts	Parts	50.18	C	.50	C
	Armco Inc.	Floor Box Assy	576.00	C	5.76	C
	Armstrong & Dobbs	Plastic & Shrub	162.34	C	1.62	C
	R. S. Armstrong & Bro.	Clay Digger Rental	108.34	C	1.08	C
	Athens Concrete	Concrete Brick	112.00	C	1.12	C
	Athens Hardware	Heater - Concrete Etc.	256.58	C	2.57	C
			~~3267.46~~		~~3269.52~~	
			9736.55		97.10	

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1979	Vendor	Description	Material Cost		10% Clarke Sup.	
Jan	Rabcat of Atlanta	Hammer Rental	874.70	C	874	C
	Clarke Ind. Supply	Sleeper & Fittings	369	C	04	C
	Dept of Rev (Stillwell)	Aspirol Lubricant	615.00	C	615	C
	Compressed Cylinder	Oxygen	53.34	C	53	C
	Daigle Equipment	Drill Bits	206.64	C	206	C
	Diamond Drill & Pin	Pins & Loads	73.50	C	73	C
	Farmers Hdwe of Athens	Nails	16.38	C	16	C
	C & S Bank (Hagan)	Gas & Oil	743.16	C	743	C
	Jackson Ready Mix	Concrete	5790.55	C	5791	C
	Sears Inc.	Flagger & Drug Amount (Dir. Sec.)	~~44.45~~	X	~~44~~	X
	Taylor Rental	Jack Hammer Rental	330.00	C	330	C
	Williams Energy	Propane Gas	84.42	C	84	C
Feb.	Anderson Auto Parts	Motor	34.04	C	34	C
	R. S. Armstrong	Clay Digger Rental	90.00	C	90	C
	Armstrong & Babb	Bit	239	C	03	C
	Athens Hardware	Drill Bit Etc	117.05	C	117	C
	Bullock & Wardley	Bit	335	C	03	C
	Compressed Cylinder	Oxygen	31.23	C	31	C
	Foy Brick	4" Utility Mixture	189.12	C	189	C
	C & S (Hagan)	Gas & Oil	154.40	C	154	C
	Construction Steel	Aluminum Railing	2656.38	C	2656	C
	Jackson Ready	Concrete	4124.40	C	4124	C
	Maxwell & Hitchcock	Protect A. Plug	75.00	C	76	C
	North South Supply	Limestone	178.00	C	178	C
	Taylor Rental	Welder Rental	84.00	C	84	C
	Williams Energy	Propane	41.31	C	41	C
March	Anderson Auto	Parts	20.04	C	02	C
	R. S. Armstrong & Bros.	Clay Digger Rental	69.00	C	69	C
	Armstrong & Babb	Nails	15.99	C	16	C
	Athens Blue Store	Screws & Caps	54.51	C	54	C
	Rabcat of Atlanta	Rental Machinery	1554.80	C	1555	C
	Bullock & Wardley	Rental	1190.00	C	1190	C
	Burke Company	C & S Water Stop	~~37.15~~		~~37~~	
	Compressed Cylinder	Oxygen	43.66	C	44	C
	Gwinnett Utilities	Pipe & Accessories	1140.14	C	1141	C
	C & S Natl (Hagan)	Gas & Oil	264.69	C	265	C
	Jackson Ready Mix	Concrete	580.30	C	580	C
	Superior Rope & Sling	5/8"	154.95	C	155	C
	Taylor Rental	Welder Rent	120.00	C	120	C
	Taylor Rental	Welder Rent	583.50	C	584	C
			~~34,951.70~~		~~34,953.75~~	
			22,304.70		22,305.75	

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	1979	Vendor	Description	Material Cost		To Clarke Dept	
1	April	Andco Tools Corp.	Alum. Flagpole	~~32.00~~		"Material" ~~32.00~~	
2		Anderson Auto Parts	Parts Equip.	23.05	C	23	C
3		Apex Supply	R & D Couplers Assy	17.55	C	18	C
4		Armstrong & Dabbs	Hardware Memo.	83.61	C	84	C
5		L. J. Armstrong	Regan O. Ring	141.67	C	142	C
6		C & S (Regan)	Gas & Oil	34.40	C	34	C
7		Ackens Hardware	Nuts, Bolts, Washers	81.98	C	82	C
8		Bullard Wanley	Equip. Rental	940.00	C	940	C
9		Clarke Ind. Supply	Misc. Parts	39.36	C	39	C
10		Clary & Associates	Couplers	15.80	C	16	C
11		Compressed Cylinders	Oxygen	54.81	C	55	C
12		Farmers Hardware	Vaco Impact	12.57	C	12	C
13		Greenlee Company	Valves	~~113.22~~		Credit Invoice ~~113~~	
14		Jackson Ready Mix	Concrete	942.70	C	943	C
15		Superior Rope & Ship	Rope 1/2"	142.80	C	143	C
16	May	Ackens Hardware	Paint & Brushes	43.52	C	44	C
17		Ackens Lumber Co.	Spruce Pine	3.58	C	04	C
18		Farmers Hardware	Garden Hose	140.32	C	140	C
19		Swinnett Utilities	Valve Wrenches	97.50	C	98	C
20		Jackson Ready Mix	Concrete	13.80	C	14	C
21		Kewaunee Scientific	Soffits	354.00	C	354	C
22		Maxwell & Hitchcock	Grotech A Plug	73.75	C	74	C
23	June	Atkins Concrete	Concrete	200.00	C	200 ~~306~~	C
24		Anderson Auto Parts	Parts	2.57	C	03	C
25		Ackens Hardware	Cement Trowel	11.14	C	11	C
26		Armstrong & Dabbs	Felt	26.37	C	26	C
27		Clarke Ind. Supply	Hose Assy	32.79	C	33	C
28		Compressed Cylinders	Oxygen	47.69	C	48	C
29		Swinnett Utilities	Elb with accessories	166.05	C	166	C
30		C & S (Regan)	Gas & Oil	169.29	C	169	C
31		Harper Transfer Co.	Brick	1,019.00	C	1,019	C
32		Hub Inc.	Pipe	636.28	C	636	C
33		Jackson Ready Mix	Concrete	1,039.60	C	1,040	C
34		North South Supply	Limestone	570.00	C	570	C
35		Henry Orth Company	Steel Valve & Parts	-0-			
36		Southern B & F	Window & Doors	~~614.60~~	X	"Misc." ~~614~~	
37		Sayler Rental	Welder Rental	315.00	C	315	C
38		Technical Inc.	Misc	166.87	C	167	C
39	July	Atkins Concrete	Concrete	40.00	C	40	C
40		Anderson Auto Parts	Misc Parts	26.29	C	26	C
				~~3,549.44~~ 7,445.00		~~3,598.44~~ 7,44[illegible]	

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1979	Vendor	Description	Material Cost		Clarke Lex	
July	Anderson Auto Parts	Misc	1 14	C	1 1	C
	Apex Supply Co.	Seal Kit	31 30	C	31	C
	Architectural Concrete	Precast Concrete Coping	448 00	C	448	C
	Armstrong & Dobbs	Rollers	4 98	C	05	C
	Athens Concrete Prod.	Blocks & Mortar Mix	908 70	C	909	C
	Athens Hardware Co.	Paint	97 22	C	97	C
	Atlanta Fuel Co.	Gas	~~[illegible]~~		Not Clear ~~110~~	C
	Clarke Ind. Supply	Grease Fitting	2 40	C	02	C
	Compressed Cylinder	Oxygen	20 63	C	21	C
	Farmers Hardware	Blades & Plastic	10 11	C	10	C
	Giant Portland	Cement	~~[illegible]~~		1st Billed Reported ~~[illegible]~~	
	C&S (Hogan)	Gas & Oil	95 10	C	95	C
	Hub Inc.	Clamps & Tees	110 16	C	110	C
	Jackson Ready Mix	Cement	49 80	C	50	C
	Martin Fireproofing	Fibroplast	690 00	C	690	C
	Quality Glass Co.	Wire glass	65 86	C	66	C
	Sorrow Linoleum	Tile & Paste	231 00	C	231	C
	Southern G.F. Co.	Beads & Hinges	70 68	C	70	C
	Taylor Rental	Loader	120 00	C	120	C
Aug	Armstrong & Dobbs	Parts	13 79	C	14	C
	Athens Hardware	Tape & Paint	57 92	C	58	C
	Gwinnett Utilities	4" Blind Flange	16 25	C	16	C
	Hub Inc.	Pipe	69 11	C	69	C
	Taylor Rental	Welder Rent	~~240 00~~		Not Clear ~~240~~	
	Taylor Rental	Cut Off Saw Rental	378 00	C	378	C
Sept	Anderson Auto Parts	Misc Parts	19 53	C	20	C
	Athens Auto	Misc	2 80	C	03	C
	Athens Hardware	Hammer & Screw Drivers	50 75	C	51	C
	C&S (Hogan)	Gas & Oil	51 92	C	52	C
	Clary & Associates	Parts for pump	~~[illegible]~~		Not Clear ~~[illegible]~~	
	Compressed Cylinder	Oxygen	10 80	C	11	C
	Compressed Cylinder	Oxygen	40 43	C	40	C
	Doigh Equipment Co.	Carbide Drill & Bit	58 55	C	59	C
	Farmer Hardware	Tape, Pipe, Nipples	125 55	C	126	C
	Fiberglass Fabricators	Aluminum Tank	5260 00	C	5260	C
	Hub Inc.	OPW Stainless	42 81	C	43	C
	Jackson Ready Mix	Sand	4 88	C	05	C
	Jackson Ready Mix	Blocks	5 50	C	06	C
	Taylor Rental	Compressor & Hammer	145 50	C	146	C
Oct	Athens Hdwe Co.	Paint Brushes & Rollers	10 50		11	
			~~367 993 25~~		~~367 813~~	
			9321 67		9324	

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	Paid	Vendor Description	Material Cost	1% Clarke Tax
1	3/9/78	Georgia Power	360.95	3.61
2	4/6/78	— —	110.52	1.11
3	4/14/78	— —	113.28	1.13
4	6/5/78	— —	129.35	1.29
5	7/5/78	— —	135.12	1.35
6	8/3/78	— —	120.84	1.21
7	8/8/78	— —	18.84	.19
8	9/5/78	— —	142.89	1.43
9	10/5/78	— —	99.27	.99
10	9/21/78	— —	7.41	.07
11	11/6/78	— —	60.18	.60
12	12/5/78	— —	45.59	.45
13	2/2/79	— —	54.02	.54
14	3/6/79	— —	64.58	.64
15	3/6/79	— —	56.89	.57
16	4/6/79	— —	40.59	.40
17	5/7/79	— —	30.30	.30
18	6/4/79	— —	30.47	.30
19				
20	7/6/79	— —	37.09	.37
21	8/3/79	— —	42.88	.43
22	8/30/79	— —	40.59	.40
23				
24				
25				
26	1/10/79	Diamond Drill & Pin Corp	72.50	.72
27	1/8/79	Howard Concrete Pipe Co, Wall Brace - Credit	< 384.00 >	< 3.84
28	11/19/79	Kyle Inc, pipe	648.00	6.48
29	12/7/79	Athens Concrete Prod. Co	3.50	.03
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				

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1979	Vendor	Description		Material Cost		17 Electric Sup.
Oct	C & S (Hagan)	Gas & Oil		51 72	c	52
	Hartline Thomas	Paint		101 40	c	101
	Jackson Ready Mix	Concrete		69 60	c	70
	Messner & Kitchens	[illegible]		~~[illegible]~~		Mark ~~[illegible]~~
	North Street Supply	[illegible]		260 00	c	260
	Pioneer Fluid Power	[illegible]		286 60	c	28[illegible]
	Lee Wild Wieder	Electrodes		27 00	c	27

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Date Paid				7 1		17 [illegible]
/1/75	Southern Bell	Phone Serv.-1 Mo.		43 15	c	43
/30/75	✓	✓		43 15	c	43
/-6/75	✓	✓		43 15	c	43
/-5/75	✓	✓		43 15	c	43
/1/75	✓	✓		43 15	c	43
/-7/75	✓	✓		43 15	c	43
/31/75	✓	✓		43 15	c	43
/-5/7-	✓	✓		43 15	c	43
/-7/7-	✓	✓		43 15	c	43
/1/7-	✓	✓		43 15	c	43
/-8/7-	✓	✓		43 15	c	43
/-5/7-	✓	✓		43 15	c	43
/-5/7-	✓	✓		43 15	c	43
/30/78	✓	✓		43 15	c	43
/5/7-	✓	✓		43 15	c	43
/-/7-	✓	✓		43 15	c	43
/-5/7-	✓	✓		43 15	c	43
/1/7-	✓	✓		43 15	c	43
/1/7-	✓	✓		43 15	c	43
/-4/75	✓	✓		43 15	c	43
				4244 32		4243

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	Vendor	Description		Total Cost			1% Local Option Tax	
	Local Option Clarke Co 1% Sales tax on below and next page listings was paid on 1980 to Dept. of Revenue in one sum, $ 573341 (Only 3% tax was initially paid on these items)							
Jan 18	American Cast Iron	Pipe 12"	1-75-64	41685	78	C	41686	
	Andrew McKiff	Lumber		2136	30	C	2136	
	Clayton Machinery	Parts for Equip		667	37	C	667	
	Greenlee Company	Valve		21235	28	C	21235	
Feb	American Cast Iron	Pipe	36-10-0 35 -55-4-0	58704	34	C	58704	
	Colt Industries	Strut Steel - Weight	67-10-4-55 3-11-25-44	5443	99	C	5444	
	Patten & Rayfield	Lath		22820	00	C	22820	
	Faulman Company	Brass Bonnet Trap		336	00	C	336	
Mar.	American Cast Iron	Pipe	3-41	50458	53	C	50458	
	Colt Ind.	Strut Steel.		2497	70	C	2497	
	Construction Casting	Manhole Steps		503	00	C	503	
	Tom-Oliver Inc.	Flocculator		23420	500	C	23420	5
	Hilti	Pins & Bolts		274	75	C	275	
	Faulman	Equip		5898	400	C	5898	4
	Wallace & Sumner	Equip		9373	00	C	9373	
	Wilson-Linby	Valve with Backing		2189	52	C	2190	
				864	07	C	864	
				866	61		866	8
April	American Cast Iron	Pipe		1484	10	C	1484	
	Burdett Company	Valve (Part)		194	24	C	194	
				19	00	C		
	Construction Casting	Dixie Engineering Parts State & Home		269	00	C	269	
	Hertz	Equip Rental		1539	21	C	1539	
	Hilti	Valve Repair		~~280~~	00		~~280~~	
	Mayer Elec	Furnace		5408	00	C	5408	
	Patent Scaffolding	Rental		57	39	C	57	
	Patten & Rayfield	Lath.		8390	00	C	8390	
	Wallace & Sumner	Equip		3277	400	C	3277	4
May	American Cast Iron	Pipe		454	66	C	454	
	Hertz Equip	Rental		1492	65	C	1492	
	Hilti	Bolts		111	44	C	111	
	Patent Scaffolding	Rental		680		C	68	
	Wilson - Linby	Shaft & Bushing		173	57	C	173	
	Wallace & Sumner	Equipment		5279	000	C	5279	0
June	Construction Casting	Grate		600	00	C	60	
			S/T	62548	65			

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	Vendor	Description		Material Cost		1% Clarke Lot
	Capital Explosive	Dynamite		154 40	C3	1 54
	Hilti	Pins & Bolts		141 90	C3	1 42
	Patent Scaffolding	Rental		6 80	C3	07
	Taulman Company	Flow Controller		75004 00	C3	750 04
	Wilson Finley	Capscrew & Misc		92 67	C3	93
July	Dorr-Oliver	Equip	35000 (2462)	34754 00	C3	347 54
	Patent Scaffolding	Rental		6 80	C3	06
	Taulman	Gages		15046 00	C3	150 46
Aug	Hilti	Misc		672 15	C3	6 72
	Patent Scaffolding	Rental		6 80	C3	07
	Taulman Company	Equip		32491 00	C3	324 91
Sept	Burke Co.	Grant		157 50	C3	1 58
	Taulman Co.	Equip		19092 00	C3	190 92
Oct	Hilti	Bits		176 95	C3	1 77
	Taulman	Equip		76866 00	C3	768 66
	Patent Scaffolding	Rental		150 10	C3	1 50
Nov.	Dorr-Oliver	Equip		11232 00 ~~10641 00~~	C3	112 32 ~~106 41~~
	Colt Ind.	Equip	6255 00 (249710) (245670)	1273 50 ~~6255 00~~	C3	12 73 ~~62 55~~
	Hilti	Bolts & Nuts		146 35	C3	1 46
	Hub	Nipples		48 60	C3	49
	Taulman	Equip		25450 00	C3	254 50
	Wilson Finley Co.	Material		2369 84	C3	23 70
Dec.	Hilti	Bits		142 45	C3	1 42
Jan 79	Capital Explosives			376 50	C3	3 76
	Higgins Foundry	Manhole Covers		684 61	C3	6 85
	Hilti	Bolts		43 75	C3	44
Feb.	Wilson-Finley	Bucket Edge		205 90	C3	2 06
Mar.	Hilti	Bits & Anchors		220 95	C3	2 21
Apr.	Hilti	Misc Bits		146 21	C3	1 46
	Progressive Crane Inc	Misc Materials		6470 00	C3	64 70
	Taulman Company	Filter Consoles		41838 00	C3	418 38
Aug	Gainesville Iron Works	H.R. Plate		77 25	C3	77
Oct	Construction Steel, Inc.	Post & Anchor		2000 00	C3	20 00
	North South	Hi Mod.		258 00	C3	2 58
	Totals Preceding page and this page			973341 33		
	1% there on paid Dept. of Revenue in one lump sum					9733 41

BARGE AND COMPANY, INC.

CONTRACTORS & ENGINEERS

290 14TH ST., N. W. TEL. 872-5893
ATLANTA, GEORGIA 30318

ALVIN BARGE, PRES.
JOE BAGGARLY, VICE PRES
JOHN WAGENER, SEC. & TREAS.

September 12, 1979

Wiedeman & Singleton, Engineers
1789 Peachtree Road, N. E.
Atlanta, Georgia 30309

Attention Mr. Billy Travis

Gentlemen: Athens Water Treatment Plant

We have attached an estimate in the amount of $14,812.00 for the installation of new center piers on Clarifiers 1 and 2. In accordance with your verbal instructions, we are proceeding with this work. The center column will be installed in accordance with your sketch except as modified in our conversation yesterday, i. e., the top plate of the existing adapter will be cut off and re-welded on the new pier column. Gusset plates will be added on both the top and bottom of the pier column.

Should you have any questions on any of the above, please advise.

Yours very truly,

BARGE AND COMPANY, INC.

John H. Wagener

John H. Wagener

JHW:des
Enclosure

BARGE AND COMPANY, INC.

JOB NO. _____ PAGE NO. 1 OF 1

JOB NAME ATHENS WATER TREATMENT PLANT

JOB LOCATION INSTALL CENTER PIERS ON CLARIFIERS ESTIMATE SUMMARY

CODE NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	ESTIMATED SUB-CONTRACT COST	LABOR ESTIMATED UNIT COST	LABOR ESTIMATED TOTAL COST	MATERIAL ESTIMATED UNIT COST	MATERIAL ESTIMATED TOTAL COST	ESTIMATED TOTAL COST	LINE NO.
1	2	3	4	5	6	7	8	9	
									1
	REMOVE CLARIFIERS	2 JOBS		800.00	1600.		—	1,600.	2
	REMOVE CONC. COLUMNS	2 JOBS		350.00	700.	160.00	320.	1,020.	3
	DRILL HOLES FOR ANCHORS	24 EA.		20.00	480.	10.00	240.	720.	4
	SET & EPOXY GROUT ANCHORS	24 EA.		10.00	240.		400.	640.	5
	SET NEW COLUMNS	2 EA.		150.00	300.		2,000.	2,300.	6
	GROUT COLUMN SLEEVES	2 EA.			60.		200.	260.	7
	SET & ADJUST CLARIFIERS	2 EA.		1,500.00	3,000.		—	3,000.	8
	CRANE RENTAL	1 MON.	NO CHARGE				—	—	9
	TRUCK (HAUL OFF, PICK-UP)	16 HRS			—	15.00	240.	240.	10
	SUPERVISION	L.S.			920.		—	920.	11
					—		—	—	12
	SUB-TOTAL				7,300.		3,400.	10,700.	13
	TAX ON MATERIAL				—		136.	136.	14
	TAX, INSUR, FRINGE ON LABOR				2,044.		—	2,044.	15
	SUB-TOTAL				9,344.		3,536.	12,880.	16
									17
	GENERAL CONTRACTOR O,H & P							1,932.	18
									19
	TOTAL							$14,812.	20
									21
									22
									23
									24
									25
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									27
									28
									29
									30
									31
									32
									33

UPSHAW C. BENTLEY, JR., Mayor

CITY OF ATHENS

ENGINEERING DEPARTMENT

ATHENS, GEORGIA

H.L. PITTARD, City Engineer
BEN H. WILLIAMS, Asst. City Engr.
L. GARY DUCK, Engr.
GLENN COLEMAN, Engr. Aide
BENDINE PARHAM, Admin. Asst.
ED SMITH, Supt., Streets Div.
BOYD MALCOLM, Supt., Water, Sewer Dist.

August 15, 1979

Mr. John Wagener
Barge and Company
290 14th Street, N. W.
Atlanta, Georgia 30318

Re: Waterworks Improvements,
Athens, Georgia, Division II

Dear John:

I am transmitting to you a copy of the approved Change Order Request Number X on the above-referenced project.

Sincerely,

Benton H. Williams

Benton H. Williams
Assistant City Engineer

cc: William T. Cook, Jr.
Billy Travis
Jack Gray
Paul Tompkins

Contract File Copy

CONTRACT MODIFICATION

Change Order Request No. X Project No. B-75-HN-13-0003

Date: 26 July 1979 Location: Athens, Georgia

Contract No. Division Two (WTP) Type: Water Works Improvements

Description of Change: See attachments:

#1	Alum Storage Tank	$58,542.00
#2	Sump Piping	5,238.00
#3	Enclose Stairwell	5,113.00
	Total, Change Order #X	$68,893.00

Itemization of Proposed Change and Basis for Payment

Original Contract Amount	$3,619,250.00
Change Orders I thru IX	167,614.69
Change Order X	68,893.00
Revised Contract Amount	$3,855,757.69

Additional Funds are to be provided in the following manner: Contingency Funds

Extension of Contract Time Required: None Requested

This Change is Acceptable: BARGE AND Co, Inc., Contractor

By: John H. Wagener

Recommended: WIEDEMAN AND SINGLETON, ENGRS., Engineers

By: Billy R. Travis

Approval of Change is Requested: Mayor & Commission of the City of Athens, Owner

By: [illegible]

Exec. Asst. to Mayor

023-50-510

ATTACHMENT #1

BARGE AND COMPANY, INC.

CONTRACTORS & ENGINEERS

290 14TH ST., N. W. TEL. 872-5893
ATLANTA, GEORGIA 30318

ALVIN BARGE, PRES.
JOE BAGGARLY, VICE PRES.
JOHN WAGENER, SEC. & TREAS.

June 6, 1979

Wiedeman & Singleton, Engineers
1789 Peachtree Road, N.E.
Atlanta, Georgia 30309

Reference: Athens Water Treatment Plant
Attention: Billy Travis

Gentlemen:

We have attached a proposal in the amount of $58,542., for the construction of an alum storage building as shown on your drawing dated May, 1979. The building proposed is as shown except with the following changes:

1. Vertical fiberglass alum tank of about 8,000 gallons capacity is included instead of the horizontal tank shown.
2. All above ground piping is assumed to be schedule 80 P.V.C. pipe.
3. The exterior walls will be 4" brick and 8" block back-up construction.
4. A 2' x 3' window has been included.
5. A floor drain and tank drain are included.

The above proposal is based on a proceed notice in the immediate future with no demobilization and remobilization included. It is assumed that the warranty on the original work will not be affected.

Yours very truly,

BARGE AND COMPANY, INC.

John H. Wagener

John H. Wagener

JHW/ba

attachment

BARGE AND COMPANY, INC.

REVISED 6/4/79

JOB NO.

PAGE NO. 1 OF 1

JOB NAME ATHENS WATER TREATMENT PLANT

JOB LOCATION ALUM BUILDING ADDITION

ESTIMATE SUMMARY

CODE NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	ESTIMATED SUB-CONTRACT COST	LABOR ESTIMATED UNIT COST	LABOR ESTIMATED TOTAL COST	MATERIAL ESTIMATED UNIT COST	MATERIAL ESTIMATED TOTAL COST	ESTIMATED TOTAL COST	LINE NO.
1	2	3	4	5	6	7	8	9	
									1
	EXCAVATION		905.		789.		422.	2116	2
	CONCRETE		—		618.		1017	1635.	3
	MASONRY		4,051.		786.		3,870.	7,707.	4
	PRECAST		—		320.		700.	[illegible]	5
	STRUCTURAL STEEL		60.		273.		717.	1050.	6
	FIBRO PLANK DECK		—		501.		1,335.	[illegible]	7
	ROOFING		2,100.		—		—	2,400.	8
	CAULKING		300.		—		—	[illegible]	9
	DOORS, GLASS, WINDOWS		100		138.		350	[illegible]	10
	PIPING		4,275.		1,128.		2,478.	[illegible]	11
	PAINTING		150.		—		—	[illegible]	12
	ALUM TANK		390.		200.		5,600.	6,040.	13
	ELECTRICAL		1,500.		—		—	[illegible]	14
	GENERAL CONDITIONS		4,766.		9,750.		2,160	16,676.	15
									16
	SUB-TOTAL		18,897.		14,503		17,655	50,926.	17
	15% O.H & P							7,635.	18
	TOTAL							58,562.	19
									20
									21
									22
									23
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BARGE AND COMPANY, INC.

JOB NO. _____ PAGE NO. 1 OF 5

JOB NAME ATHENS WATER TREATMENT PLANT

JOB LOCATION _____ ALUM BUILDING ESTIMATE SUMMARY

CODE NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	ESTIMATED SUB-CONTRACT COST	LABOR ESTIMATED UNIT COST	LABOR ESTIMATED TOTAL COST	MATERIAL ESTIMATED UNIT COST	MATERIAL ESTIMATED TOTAL COST	ESTIMATED TOTAL COST	LINE NO.
1	2	3	4	5	6	7	8	9	
	EXCAVATION								1
									2
	40-50% Rock EXC. FOR FOOTINGS	16 C.Y.	800	20.00	320.	20.00	320.	1440.	3
	EXC. FOR BUILDING	12 C.Y.	60.	3.00	36.		—	96.	4
	EXC. TANK FOOTING	3 C.Y.	—		—		—	—	5
	STONE FILL	12 TONS 6 C.Y.		8.00	48.	6.00	72.	120.	6
	BACK FILL	9 C.Y.	45.	15.00	135.		—	180.	7
	FINAL DRESS	L.S.			200.		—	200.	8
	GRASS & SEED	2000 S.F			50.		30.	80.	9
									10
									11
			905.		789.		422.	2116.	12
									13
									14
	CONCRETE								15
									16
	BUILDING FOOTING	11 C.Y.		10.00	110.	33.00	363	473.	17
	TANK FOOTING	2 C.Y.			—		—	—	18
	SLAB ON GRADE	7 C.Y.		10.00	70	33.00	231	301	19
	FINE GRADE	200 S.F		.25	50.		—	50.	20
	S & F	200 S.F		.5	100.		—	100.	21
	CURE	200 S.F		.03	6.	.03	6.	12.	22
	FLOOR HARDNER	200 S.F		.06	12	.06	12	24.	23
	R.I. STEEL	.5 TONS		150.00	75.	400.00	200	275.	24
	FORM TANK SUPPORTS	195 S.F.			—		—	—	25
	CONCRETE	3 C.Y.			—		—	—	26
	CHAMFER	40 L.F.			—		—	—	27
	RUB CONCRETE	50 S.F		1.00	50.		—	50.	28
	EXPANSION JOINT	50 L.F		.50	25.	.50	25.	50.	29
	STEP PADS	4 EA.		30.00	120.	20.00	80.	200.	30
	TESTING						100.	100.	31
									32
					618.		1017.	1635.	33

BARGE AND COMPANY, INC.

JOB NO.

PAGE NO. 2 OF 5

JOB NAME ATHENS WATER TREATMENT PLANT

JOB LOCATION ALUM BUILDING

ESTIMATE SUMMARY

CODE NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	ESTIMATED SUB-CONTRACT COST	LABOR ESTIMATED UNIT COST	LABOR ESTIMATED TOTAL COST	MATERIAL ESTIMATED UNIT COST	MATERIAL ESTIMATED TOTAL COST	ESTIMATED TOTAL COST	LINE NO.
1	2	3	4	5	6	7	8	9	
									1
	MASONRY								2
	BLOCK 8"	1250 EA.	1563.	1.25	—	.67	838	2401.	3
	BRICK	7.5M	2438.	55.00	—	120.00	900.	3338.	4
	MORTAR	23 C.Y.				30.00	690.	690.	5
	SCAFFOLD	L.S.					200.	200.	6
	12" DUR-O-WALL	780 L.F			—	.14	109.	109.	7
	FLASHING	120 S.F			—	.90	108.	108	8
	Row lock Premium	L.S.	50.		—		—	50.	9
	CLEAN BRICK & BLOCK	2200 S.F		.13	286.		25.	311.	10
	CLEAN-UP	L.S.			500.		—	500.	11
									12
									13
									14
			4051.		786.		2870.	7707.	15
									16
	PRECAST COPING								17
									18
	PRECAST	18 PCS		15.00	270.		600.	870.	19
	MORTAR	L.S.			—		100.	100.	20
	CLEAN PRECAST	L.S.			50.		—	50.	21
									22
			—		320.		700	1020	23
									24
	STRUCTURAL STEEL								25
									26
	W12x27 - 25 L.F	1 EA	60		125		500.	685	27
	4x4x1/2 L	25 L.F		4.00	100		—	100	28
	ANCHORS	17 EA			—		17.	17	29
	LINTELS	6 EA.		8.00	48.		—	48.	30
									31
			60		273		1117	1390.	32
									33

BARGE AND COMPANY, INC.

JOB NO.

JOB NAME ATHENS WATER TREATMENT PLANT

JOB LOCATION

ESTIMATE SUMMARY

CODE NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	ESTIMATED SUB-CONTRACT COST	LABOR ESTIMATED UNIT COST	LABOR ESTIMATED TOTAL COST	MATERIAL ESTIMATED UNIT COST	MATERIAL ESTIMATED TOTAL COST	ESTIMATED TOTAL COST	LINE NO.
1	2	3	4	5	6	7	8	9	
	FIBRO PLANK DECK								1
									2
									3
	FIBRO PLANK	200 S.F		1.25	250.		690.	940.	4
	CUT 8' PANEL TO FIT	65 L.F.		1.50	33.	1.00	65.	98.	5
	GROUT	195 L.F.		.50	98.		30.	128.	6
	SET BULB TEES	120 L.F		1.00	120.		20.	140.	7
	WELD MACHINE	8 HRS.			—	10.00	80.	80.	8
	CRANE	8 HRS			—	50.00	400.	400.	9
									10
									11
					501.		1335.	1836.	12
									13
	ROOFING	L.S.	2400		—		—	2400.	14
									15
	CAULKING	300 L.F	300	1.00	—		—	300.	16
									17
	WINDOWS DOORS GLASS ETC.								18
									19
	WINDOW 2'x3'	1 EA			50.		75.	125.	20
	DOOR, H.M.	1 EA.			40.		160.	200.	21
	FRAME	1 EA.			30.		40	70.	22
	WIRE GLASS	L.S.	100.		—		—	100.	23
	HARDWARE	L.S.			10.		50.	60.	24
	THRESHOLD	1 EA.			8.		12.	20.	25
									26
			100		138		357.	495.	27
									28
	PIPING								29
	EXTERIOR PIPE								30
	D.I. PIPE	L.S.			—		1484.	1484.	31
	INSTALL 6" PIPE	75 L.F.	4125	55.00	—		—	4125.	32
									33

4125

BARGE AND COMPANY, INC.

JOB NO.

JOB NAME Athens Water Treatment

JOB LOCATION

PAGE NO. 4 OF

ESTIMATE SUMMARY

CODE NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	ESTIMATED SUB-CONTRACT COST	LABOR ESTIMATED UNIT COST	LABOR ESTIMATED TOTAL COST	MATERIAL ESTIMATED UNIT COST	MATERIAL ESTIMATED TOTAL COST	ESTIMATED TOTAL COST	LINE NO.
1	2	3	4	5	6	7	8	9	
	Piping (cont)								1
	Install fittings	4 EA C.S.		55.00	220.		—	[illegible]	2
	Blocking for Above	3 EA C.S.		20.00	60.	[illegible]	[illegible]	[illegible]	3
	Remove Exist 6" Pipe	40 L.F.	50.		20		10	[illegible]	4
			—		—		—	—	5
	Interior Piping		—		—		—	—	6
	Air Vent 3" W/TANK	1 EA			—		—	—	7
	3" 90° Bend - P.V.C.	5 EA.		4.00	20.	12.50	63.	83.	8
	3" Union	1 EA.			10	40.00	40.	50.	9
	3" Ball Valve - P.V.C.	1 EA.		25.00	25	100.00	100.	125.	10
	3" Pipe - P.V.C.	16 L.F.		8.	128.		40.	168.	11
	3" Hose Connection	1 EA.		10.00	10.	[illegible]	120	[illegible]	12
	1" P.V.C. Pipe (80)	20 L.F.		2.50	50.	.40	8.	58	13
	1" 90° Bends P.V.C.	4 EA.		2.00	8.	1.60	6.	14.	14
	2" P.V.C. Tees	2 EA.		5.00	10.	3.00	6.	16	15
	2" P.V.C. Ball Valves	3 EA.		25.00	75.	50.00	150.	225.	16
	2" P.V.C. Pipe (80)	10 L.F.		4.00	40.	.80	8.	[illegible]	17
	2" 90° Bends P.V.C	3 EA.		5.00	15.	3.00	9.	24.	18
	2" Union P.V.C.	1 EA		5.00	5.	13.96	14	19	19
	2" - 2x1 P.V.C Reducer	2 EA		5.00	10.	1.05	2.	12	20
	1" - P.V.C. Pipe (80)	80 L.F.		2.50	200	.40	32.	[illegible]	21
	1" - Tees P.V.C.	2 EA.		2.00	4.	1.42	3.	7.	22
	1" 90° Bends	8 EA.		2.00	16.	1.60	13	29.	23
	1" P.V.C Valves	2 EA.		10.00	20.	26.00	52.	[illegible]	24
	1" Unions P.V.C.	2 EA.		2.00	4.	6.00	12	16	25
	1" offset clamps	10 EA.			—	1.00	10.	10.	26
	3" offset clamps	4 EA.			—	2.00	8.	8	27
	4" Floor Drain C.I.S.P	1 EA.		35.00	35.	11.00	46.	81	28
	4" 45° Bends C.I.S.P.	2 EA.		10.00	20.	4.45	10.	30	29
	4" Sleeves C.I.S.P.	2 EA		10.00	20.	10.00	20	40	30
	4" "Y" - C.I.S.P.	2 EA.		10.00	20.	7.00	14.	34	31
	Victaulic Couplings Cut & Grove S.S Pipe	10 EA.				—	—	—	32
	P.V.C. Pipe Flanges 3" Couplings	8 EA				14.00	84.	94.	33

BARGE AND COMPANY, INC.

JOB NO.

JOB NAME Athens Water Treatment Plant.

JOB LOCATION

ESTIMATE SUMMARY

CODE NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	ESTIMATED SUB-CONTRACT COST	LABOR ESTIMATED UNIT COST	LABOR ESTIMATED TOTAL COST	MATERIAL ESTIMATED UNIT COST	MATERIAL ESTIMATED TOTAL COST	ESTIMATED TOTAL COST	LINE NO.
1	2	3	4	5	6	7	8	9	
	Piping Con't								1
									2
	4" Pipe C.I.	10 L.F.		8.00	80	[illegible]	40.	[illegible]	3
	Cover Wall 12" Conc.	2 BA.	100.	50.00	—		—		4
	Sat Sleeves 4"	1 BA		[illegible]	3		5	[illegible]	5
									6
									7
			420.00		1128.		[illegible]	[illegible]	8
									9
	PAINTING	L.S.	150.		—		—	[illegible]	10
									11
	Alum Tank								12
									13
	8000 Gal Tank	1 BA.	240		[illegible]		5600	[illegible]	14
	Tank Guage w/ Tank	1 BA.			—		—	—	15
									16
			390		200.		5600	[illegible]	17
									18
	ELECTRICAL	L.S.	1500.		—		—	[illegible]	19
									20
	General Conditions								21
									22
	Superintendent	3 Mo.		3,000.	[illegible]		—	[illegible]	23
	Time Keeper	3 Mo		250.00	750.		—	[illegible]	24
	Office-Trailer	3 Mo		—	—	100.00	[illegible]		25
	Builder's Risk	L.S		—	—		1,200.	[illegible]	26
	Phone	3 MO		—	—	160.00	[illegible]	[illegible]	27
	Elect.	3 MO		—	—	60.00	180.	[illegible]	28
	Taxes Insur Fringe		4050.		—		—	[illegible]	29
	Sales Tax		700.		—		—	[illegible]	30
									31
			4,766.		9790.		[illegible]	[illegible]	32
									33

BARGE AND COMPANY, INC. ATTACHMENT #2

JOB NO.

PAGE NO. 1 OF 2

JOB NAME WATER TREATMENT PLANT

JOB LOCATION ATHENS, GA

ESTIMATE SUMMARY

CODE NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	ESTIMATED SUB-CONTRACT COST	LABOR ESTIMATED UNIT COST	LABOR ESTIMATED TOTAL COST	MATERIAL ESTIMATED UNIT COST	MATERIAL ESTIMATED TOTAL COST	ESTIMATED TOTAL COST	LINE NO.
1	2	3	4	5	6	7	8	9	
	SUMP PIPE &								1
	PIPEWORK								2
	DHUD 13-75-HU-13-0003								3
	DRAWINGS 2, 14 & 23								4
	AS REVISED 6/79								5
									6
									7
	MOBILIZATION	ALLOW	150	LS	—		—	150	8
	SUPERVISION	5 DAYS	—		600		—	600	9
	EQUIP RENTAL								10
	AIR COMP, TOOLS,								11
	HOSE & FUEL	3 DYS	405	<135-	—		—	405	12
	CONCRETE SAW	1 DY	50	<50	—		—	50	13
	CORING MACH	1 DY	150	<150-	—		—	150	14
	HAND & SMALL TOOLS	5 DYS	125	<25-	—		—	125	15
	DRAYAGE OF EQUIP	6 TRIPS	180	<30-	—		—	180	16
	EQUIP OPERATOR								17
	FOR AIR COMPRESSOR	24 HRS	—	11.25	270		—	270	18
	SAW CUT CONC SLAB	16 LF	—	1-	16		—	16	19
	CORE 12" CONC W	1 JOB	—	35-	35		—	35	20
	CORE 4" CONC W	1 JOB	—	16-	16		—	16	21
	DEMO 8" CONC								22
	SLAB.	4/10 CY	—	ALLOW 2 MEN 2 DYS @ 7 HR	—		—	—	23
	EXCAVATE IN		—		224		—	224	24
	CONCRETE ENC	1 5/10 CY	—		—		—	—	25
	EXCAVATE EARTH	2 CYS	—	15-	30		—	30	26
	DISPOSE OF WASTE								27
	FROM GALLERY	2 CYS	—	20-	40		—	40	28
	BACKFILL & COMP								29
	TRENCH	2 CYS	—	10-	20		—	20	30
	REGRASS TRENCH	180 SF	45	<0.25	—		—	45	31
	FORM SUMP PIT	24 SF	—	2-	48	1-	24	72	32
	CONC/SUMP PIT	1 1/10 CY	—	15-	18	40-	48	66	33

SMALL WORK QTY BRINGS COST TO 331-/CY

BARGE AND COMPANY, INC.

JOB NO. _____ PAGE NO. 2 OF 2

JOB NAME _____

JOB LOCATION _____ ESTIMATE SUMMARY

CODE NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	ESTIMATED SUB-CONTRACT COST	LABOR ESTIMATED UNIT COST	LABOR ESTIMATED TOTAL COST	MATERIAL ESTIMATED UNIT COST	MATERIAL ESTIMATED TOTAL COST	ESTIMATED TOTAL COST	LINE NO.
1	2	3	4	5	6	7	8	9	
	RUB CONCRETE	38SF	—	1	38	LS	2	40	1
	PATCH CORE HOLES								2
	W/ NON-SHRK GROUT	1CF	—	25	25	25	25	50	3
	WELD PLUG OVER								4
	4"ϕ HOLE IN 30" DIP	1JOB	150	150	10		10	170	5
	CUT 4"ϕ CISP IN								6
	PLACE	2JOBS	—	20	40		—	40	7
	F&I HYDRO-PLATE								8
	SP-33A-1 SUMP PUMP	1EA	—		30		163	193	9
	F&I DISCHARGE								10
	PIPING								11
	1¼" GIP	80LF	—	ALLOW 12 MHRS @ 16/HR	—	1.15	92	92	12
	1¼" 90° ELLS	5EA	—		—	2.11	11	11	13
	1¼" UNIONS	2EA	—		192	4.18	8	200	14
	1¼" X CL NIPPLES	2EA	—		—	1.81	3	3	15
	1¼ X 6" NIPPLES	3EA	—		—	2.52	8	8	16
	GRINDELL SUPPORTS	6EA	—		—	15.53	93	93	17
	CHECK & GATE VALVE	1EA	—		—	BOTH	91	91	18
	PAINT PIPE & TOUCH-UP	ALLOW	120	LS	—		—	120	19
	ELECTRICAL WORK	1JOB	305		—		—	305	20
	CLEAN-UP		—	LS	100		—	100	21
	PIPE ROPE, ABS & MISC	ALLOW	—		—		30	30	22
									23
	SUBTOTAL		1680		1752		608	4040	24
	LABOR BURDEN	28%						491	25
	SALES TAX	4%						24	26
									27
	SUBTOTAL							4555	28
	OVH & PROFIT	15%						683	29
									30
								5238.	31
									32
									33

ATTACHMENT #3

BARGE AND COMPANY, INC.

CONTRACTORS & ENGINEERS

290 14TH ST., N. W. TEL. 872-5893
ATLANTA, GEORGIA 30318

ALVIN BARGE, PRES.
JOE BAGGARLY, VICE PRES.
JOHN WAGENER, SEC. & TREAS.

December 18, 1978

Wiedeman & Singleton, Engineers
1789 Peachtree Road, N.E.
Atlanta, Georgia 30309

Re: Athens Water Treatment Plant

Attn: Mr. Billy Travis

Gentlemen:

Enclosed is our proposal and back-up data for the proposed stairwell enclosure at the Filter Building.

The proposal is based on using a composite masonry wall of 4x8x16 CMU and face back that will match the other brickwork on the site.

As the door will be used frequently a push-pull with exterior kick plate and a closer was included in the hardware set, in addition to a double cylinder key lock set.

Light fixture type B-1 will be replaced with a suspended type "C" fixture.

Total cost to the owner is $5,113.00.

Very truly yours,

BARGE AND COMPANY, INC.

John H. Wagener

John H. Wagener

JHW/ba
enclosure

QUANTITY ESTIMATE SHEET

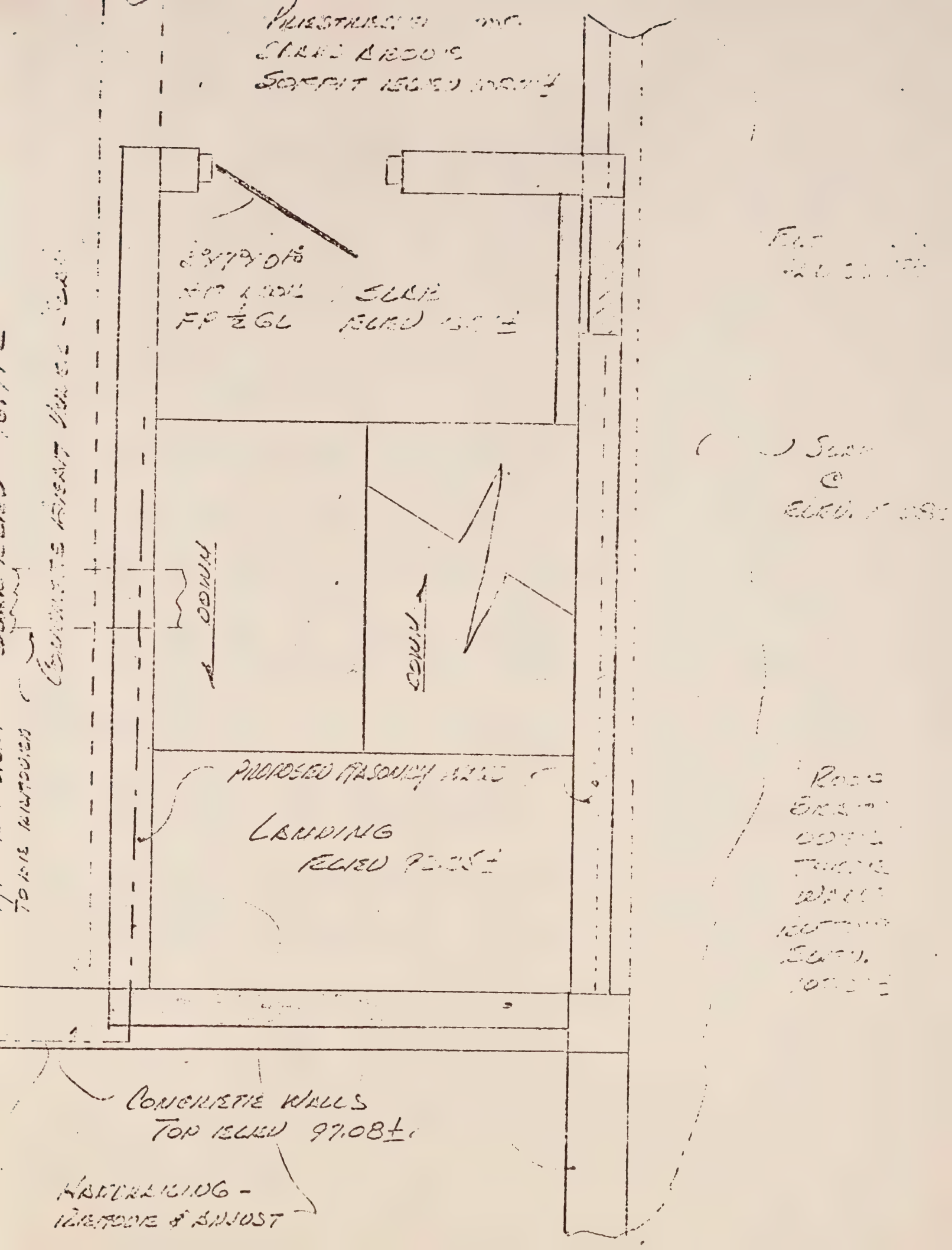
FORM C-4

Item	Quantity	UNIT	SUBCONTRACT Unit Price	SUBCONTRACT Amount	LABOR Unit Price	LABOR Amount	MATERIAL Unit Price	MATERIAL Amount	TOTAL
STAIRWELL ENCLOSURE FILTER BLDG 6 ATHENS WATERWORKS									
LAYOUT	HOB				LS	75			75
DEMOLITION									
REMOVE HR	10LF				2-	20			20
CUT & ADJ HR	2 JOBS				25-	50	10-	20	70
REMOVE TYPE B-1 FIX	1 JOB		30-	30					30
MASONRY									
BRICK 1/4" TRAP, CRB	3.3M		350/M	1155			124/M	409	1564
4X8X16	563 EA		1.15/EA	648			0.34	192	840
4" PRECAST LTL 4'4"	1 EA		INC				12-	12	12
3 1/2 X 5 1/2 X 1/4" L LTL	1 EA		INC				14-	14	14
8" DUROWALL	400LF		INC				0.12	48	48
RAM SET TIES @ COL	30 EA		INC				1-	30	30
SAW CUT 4X1 TO 4X4	11 EA		INC						
MORTAR	2 CYS						35-	70	70
CL & PT BRICK	472SF		0.08	38					38
CL & PT CMU	500SF		0.12	60					60
CLEAN UP	HOB				LS	75			75
SCAFFOLD TO 8'	224SF		0.40	90			0.60	135	225
MISC									
DOOR OPENING W/ 3°X7° DOOR, HDW & 1/4" WIRE GLASS									
DR FRM & HDW	1 UNIT				LS	65	LS	300	365
GLAS 1/4" WG	11SF		5.65	62					62
PAINT INTERIOR									
CMU FLR + 2	168SF		0.48	81					81
DOOR & FRM	HOB		LS	25					25
F&E TYPE C FIXTURE TO REPLACE B-1 FIXTURE	1 EA		LS	125					125
ADJUST ALIGNMENT									

QUANTITY ESTIMATE SHEET

FORM C-4

Item	Quantity	UNIT	SUBCONTRACT Unit Price	SUBCONTRACT Amount	LABOR Unit Price	LABOR Amount	MATERIAL Unit Price	MATERIAL Amount	TOTAL
OF PANEL FB TO MATCH BRICK WORK	1 LOB		LS	100					[illegible]
				2414		385		1230	[illegible]
BARGE & CO FIELD SUPERVISION	@ 10%			393					[illegible]
USE TAX	@ 4%							49	49
FRINGE BENEFITS	@ 10%					29			29
INSURANCE & FICA	@ 16%					46			46
				2807		360		1279	[illegible]
BARGE OVH & PROFIT	@ 15%			222					467.
COST OF WORK									[illegible]



SOFFIT
SLAB
FP ½ GL
DOWN
DOWN
PROPOSED MASONRY WALL
LANDING
CONCRETE WALLS
TOP ELEV 97.08±
HANDRAILING -
REMOVE & ADJUST

City of Atlanta — [illegible]

Drawing: No 17
No 23 [illegible]
No 36 [illegible]
No 50

Disposition

1) Remove [illegible] — [illegible]

2) Cut [illegible] & Furnish & Install [illegible] Brackets to [illegible] to [illegible] — [illegible]

3) Remove & Type B-1 Light Fixture & Store — Hob

Misc

1) Install Type C Light Fixture on Suspension — Hob

2) Adjust Alignment of Panel FB to [illegible] New Brick Wall — Hob

3) Door Opening (No [illegible])

$3^4 \times 7^4 \times 0^{5\frac{3}{4}}$	P19 Frame	1 EA
$3^0 \times 7^0 \times 0^{1\frac{3}{4}}$	H19 Door FP ½ GL	1 EA
Haw Set Inc Push & [illegible]		1 EA

4) Painting

Door	Hob
Interior Cmt & Conc	168 SF

[illegible]

4X8X16 CMU

13.34 X 12	160.08		
7.67 X 10.5	80.53		
7.67 X 12	92.04		
13.34 X 10.5	140.07		
13.34 X .34	4.53	500 [illegible]	
(3.34 X 7.34)	(24.51)	[illegible]	[illegible]
4 X 12	48.0	[illegible]	

4" WIDE PRECAST LINTEL [illegible] [illegible]

BRICK

14 X 10.5	147		
7.67 X 12	92.04		
7.67 X 10.5	80.53	[illegible]	
(3.34 X 7.34)	(24.51)	X 7 [illegible]	3300 [illegible]
14.67 X 12	176.04	1/4" [illegible]	

NAIL TIES TO CONC COL. 30 [illegible]

8" DUROWALL @ 16" 400 LF

SAW CUT 4X8X16 TO 8'4" HIGH 11 [illegible]

MORTAR

3.3 X 9 1/2 CF/17 = [illegible] CF

563 X 14 CF/17 = [illegible] CF

39.23 HELPERS 2 [illegible]

3 1/2 X 5 1/2 X 1/4 L LINTEL [illegible] [illegible]

CLEAN & PT BRICK 492 SF [illegible]

CLEAN & PT CMU 500 SF [illegible]

CLEANUP HOR

TELEPHONE BID

Job: Athens W.W.

Date: 12/19 Time: 10:45

Firm: Total Openings

By: K.R.R. Tipton

Address: Atlanta

Phone: 451-0120

INCLUDES:

1 ea	3⁰ x 7⁰ x 0 5/16 PR FRAM	
1 ea	3⁰ x 7⁰ x 0 1/4 FP 1/2 gl	
1 ea	Hdw Set w/ Push-Pull	$300.00
	Ext Kick Plate	
	Closer - Dead Lock	
	Butts	

EXCLUSIONS, QUALIFICATIONS & REMARKS

INCLUDES ADDENDA:

TAKEN BY:

CITY OF ATHENS

MAYOR'S OFFICE

Date 8/14/79

To: WILLIAM T. COOK, JR.

From: BEN WILLIAMS

SUBJECT: WATER FILTRATION PLANT CHANGE ORDER NO. X

ATTACHED IS THE SUBJECT CHANGE ORDER AND APPROPRIATE BACK-UP INFORMATION. I HAVE DISCUSSED EACH ITEM WITH YOU PREVIOUSLY AND THE COST ARE THE SAME AS CONTRACTOR'S ORIGINAL ESTIMATES.

PLEASE NOTE ITEM #2 SUMP PIPING IS COSTED ON THE CHANGE ORDER AT $5,238. HOWEVER, THE NEED FOR THE SUMP PIPING WAS CREATED BY A DESIGN ERROR OF WIEDEMAN AND SINGLETON. THEY FELL AGREED TO PARTICIPATE IN THE COST OF THIS ITEM IN THE AMOUNT OF $2000 TO $2500. AS OUTLINED IN THE ATTACHED LETTER DATED AUGUST 1, 1979 FROM JOHN WIEDEMAN.

I RECOMMEND APPROVAL OF THE SUBJECT CHANGE ORDER AND REQUEST YOUR EXECUTION OF THE DOCUMENTS IN THE APPROPRIATE PLACE AND DISTRIBUTION OF COPIES.

WIEDEMAN AND SINGLETON, INC.
CIVIL ENGINEERS
1789 PEACHTREE ROAD, N.E.
ATLANTA, GEORGIA 30309
(404) 876-5862

August 1, 1979

Mr. Ben Williams
Assistant City Engineer
City of Athens
City Hall
Athens, Georgia 30601

Re: Water Treatment Plant
Wash Water Drain Lines

Dear Ben:

In design of the water plant project floor drain lines were designed to discharge to the wash water drain line. During the filter washing sequence drain lines in the basement are flooded and water briefly flows onto the floor of the filter gallery through the floor drains. There is also a discharge of air onto the operating floor which carries water with it.

A brief discharge of water to the floor of the filter gallery is troublesome but does not hinder plant operations. In retrospect the floor drain lines should not have been tied in to the wash water drain line but instead should have been tied in to a sump and pumped to the outside of the building.

We have agreed for aesthetic purposes to pay for the additional cost of installing the sump and sump pump now rather than when the project was designed originally. Our understanding is that the City of Athens will pay for the cost of installation of the sump, sump pump and discharge line in the amount that would have been charged by the Contractor had the work been included in the project originally.

We will obtain a breakdown of these costs from the Contractor and send the City of Athens a check for the amount when the work is complete. We anticipate that our participation in this construction will range from $2,000 to $2,500.

Very truly yours,

WIEDEMAN AND SINGLETON, INC.

John H. Wiedeman

John H. Wiedeman

JHW:ms

WIEDEMAN AND SINGLETON, INC.
CIVIL ENGINEERS
1789 PEACHTREE ROAD, N.E.
ATLANTA, GEORGIA 30309
(404) 876-5862

July 27, 1979

Mr. Benton H. Williams
Assistant City Engineer
City of Athens
City Hall
Athens, Georgia 30601

Re: Athens, Georgia
Water Plant

Dear Mr. Williams:

Enclosed are ten (10) copies of Change Order Number X for the above referenced project.

Very truly yours,

WIEDEMAN AND SINGLETON, INC.

Billy R. Travis

Billy R. Travis

BRT:yj

Enclosures

New York
Atlanta
Birmingham
Boston
Charlotte
Chicago
Cleveland
Dallas
Denver
Detroit
Hartford
Honolulu
Houston
Los Angeles
Miami
Minneapolis
New Orleans
Philadelphia
Phoenix
Pittsburgh
Portland
Richmond
St. Louis
San Diego
San Francisco
Seattle
Wilmington
Tokyo
Singapore
Taipei
Hong Kong

JOHNSON & HIGGINS

OF GEORGIA, INC.

Business Established · New York 1845

INSURANCE BROKERS-AVERAGE ADJUSTERS

ACTUARIES-EMPLOYEE BENEFIT PLAN CONSULTANTS

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Puerto La Cruz
Rio de Janeiro
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Buenos Aires
Santiago
Lima
Bogota
Cali
Sydney
Melbourne
Brisbane
Adelaide
Perth
Auckland
Wellington
London
Milan
Paris
Rome
Bermuda
Tehran

CABLE ADDRESS "KERODEN"

SEVENTEENTH FLOOR
1700 TRUST COMPANY OF GEORGIA BUILDING
P. O. BOX 1111, ATLANTA, GEORGIA 30301
TEL. 658-1330 AREA CODE 404

June 19, 1979

Mr. William T. Cook
Administrative Assistant to the Mayor
City of Athens
Office of Mayor
Athens, Georgia 30601

Certificates of Insurance - Barge & Company

Dear Mr. Cook:

Enclosed are certificates of insurance covering the period January 27, 1977 to the present.

If you have any quetions, please do not hesitate to call our office.

Sincerely,

Phyllis Lindsey

(Ms.) Phyllis Lindsey
Casualty Department

PL/ji/E07
Enclosures

cc: Mr. John Wagner
Barge & Company, Inc.

Mr. Tony Diaz
Employers Insurance of Wausau

Mr. John Jenniges

SET TAB STOPS AT ARROWS

Certificate of Insurance

acord

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES LISTED BELOW.

NAME AND ADDRESS OF AGENCY

JOHNSON & HIGGINS OF GA., INC.
P. O. BOX 1111
ATLANTA, GEORGIA 30301
TELEPHONE: (404) 658-1330

COMPANIES AFFORDING COVERAGES

COMPANY LETTER **A** Employers Insurance of Wausau

COMPANY LETTER **B**

COMPANY LETTER **C**

COMPANY LETTER **D**

COMPANY LETTER **E**

NAME AND ADDRESS OF INSURED

Barge & Company, Inc.
290 - 14th Street, NW
Atlanta, Georgia 30318

This is to certify that policies of insurance listed below have been issued to the insured named above and are in force at this time.

COMPANY LETTER	TYPE OF INSURANCE	POLICY NUMBER	POLICY EXPIRATION DATE	Limits of Liability in Thousands (000)	EACH OCCURRENCE	AGGREGATE
A	**GENERAL LIABILITY** [X] COMPREHENSIVE FORM [X] PREMISES—OPERATIONS [X] EXPLOSION AND COLLAPSE HAZARD [X] UNDERGROUND HAZARD [X] PRODUCTS/COMPLETED OPERATIONS HAZARD [X] CONTRACTUAL INSURANCE [X] BROAD FORM PROPERTY DAMAGE [X] INDEPENDENT CONTRACTORS [X] PERSONAL INJURY	1420-18-040863	5/1/80	BODILY INJURY	$ 300	$ 300
				PROPERTY DAMAGE	$ 100	$ 100
				BODILY INJURY AND PROPERTY DAMAGE COMBINED	$	$
				PERSONAL INJURY		$
A	**AUTOMOBILE LIABILITY** [X] COMPREHENSIVE FORM [X] OWNED [X] HIRED [X] NON-OWNED	1420-29-040863	5/1/80	BODILY INJURY (EACH PERSON)	$ 500	
				BODILY INJURY (EACH ACCIDENT)	$ 1,000	
				PROPERTY DAMAGE	$ 500	
				BODILY INJURY AND PROPERTY DAMAGE COMBINED	$	
	EXCESS LIABILITY [ ] UMBRELLA FORM [ ] OTHER THAN UMBRELLA FORM			BODILY INJURY AND PROPERTY DAMAGE COMBINED	$	$
A	**WORKERS' COMPENSATION and EMPLOYERS' LIABILITY**	1410-00-040863	5/1/80	STATUTORY		
					$ 100	(EACH ACCIDENT)
	OTHER					

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES

Cancellation: Should any of the above described policies be cancelled before the expiration date thereof, the issuing company will endeavor to mail 30 days written notice to the below named certificate holder, but failure to mail such notice shall impose no obligation or liability of any kind upon the company.

NAME AND ADDRESS OF CERTIFICATE HOLDER:

City of Athens
Office of Mayor
Athens, GA 30601

DATE ISSUED: 6-18-79

W Pat Hopkins
AUTHORIZED REPRESENTATIVE

ACORD 25 (Ed. 11-77)

SET TAB STOPS AT ARROWS

Certificate of Insurance

ACORD

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES LISTED BELOW.

NAME AND ADDRESS OF AGENCY
Johnson & Higgins Of Ga., Inc.
P.O. Box 1111
Atlanta, Georgia 30301
Telephone: (404) 658-1330

NAME AND ADDRESS OF INSURED
Barge & Company, Inc.
290 - 14th Street, NW
Atlanta, Georgia 30318

COMPANIES AFFORDING COVERAGES

COMPANY LETTER A Employers Insurance of Wausau
COMPANY LETTER B
COMPANY LETTER C
COMPANY LETTER D
COMPANY LETTER E

This is to certify that policies of insurance listed below have been issued to the insured named above and are in force at this time.

COMPANY LETTER	TYPE OF INSURANCE	POLICY NUMBER	POLICY EXPIRATION DATE	Limits of Liability in Thousands (000)	EACH OCCURRENCE	AGGREGATE
A	GENERAL LIABILITY [X] COMPREHENSIVE FORM [X] PREMISES—OPERATIONS [X] EXPLOSION AND COLLAPSE HAZARD [X] UNDERGROUND HAZARD [X] PRODUCTS/COMPLETED OPERATIONS HAZARD [X] CONTRACTUAL INSURANCE [X] BROAD FORM PROPERTY DAMAGE [X] INDEPENDENT CONTRACTORS [X] PERSONAL INJURY	1429-18-040863	5-1-79	BODILY INJURY 300	$ 300	$ 300
				PROPERTY DAMAGE	$ 100	$ 100
				BODILY INJURY AND PROPERTY DAMAGE COMBINED	$	$
				PERSONAL INJURY		$
A	AUTOMOBILE LIABILITY [X] COMPREHENSIVE FORM [X] OWNED [X] HIRED [X] NON-OWNED	1429-29-040863	5-1-79	BODILY INJURY (EACH PERSON)	500	
				BODILY INJURY (EACH OCCURRENCE)	$ 1,000	
				PROPERTY DAMAGE	$ 500	
				BODILY INJURY AND PROPERTY DAMAGE COMBINED	$	
	EXCESS LIABILITY [ ] UMBRELLA FORM [ ] OTHER THAN UMBRELLA FORM			BODILY INJURY AND PROPERTY DAMAGE COMBINED	$	$
A	WORKERS' COMPENSATION and EMPLOYERS' LIABILITY	1419-00-040863	5-1-79	STATUTORY		
					$ 100	(EACH ACCIDENT)
	OTHER					

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES

Cancellation: Should any of the above described policies be cancelled before the expiration date thereof, the issuing company will endeavor to mail _____ days written notice to the below named certificate holder, but failure to mail such notice shall impose no obligation or liability of any kind upon the company.

NAME AND ADDRESS OF CERTIFICATE HOLDER:
City of Athens
Office of Mayor
Athens, Georgia 30601

DATE ISSUED: 6-18-79

W Pat Hopkins
AUTHORIZED REPRESENTATIVE

ACORD 25 (Ed. 2-77

SET TAB STOPS AT ARROWS

Certificate of Insurance

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NAME AND ADDRESS OF AGENCY

Johnson & Higgins of Ga., Inc.
P.O. Box 1111
Atlanta, Georgia 30301
Telephone: (404) 658-1330

COMPANIES AFFORDING COVERAGES

COMPANY LETTER A — Employers Insurance of Wausau
COMPANY LETTER B
COMPANY LETTER C
COMPANY LETTER D
COMPANY LETTER E

NAME AND ADDRESS OF INSURED

Barge & Company, Inc.
290 - 14th Street, NW
Atlanta, Georgia 30318

This is to certify that policies of insurance listed below have been issued to the insured named above and are in force at this time.

COMPANY LETTER	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE	LIMITS OF LIABILITY IN THOUSANDS (000)	PER OCCURRENCE	AGGREGATE
A	GENERAL LIABILITY ☒ COMPREHENSIVE FORM ☒ PREMISES—OPERATIONS ☒ EXPLOSION AND COLLAPSE HAZARD ☒ UNDERGROUND HAZARD ☒ PRODUCTS/COMPLETED OPERATIONS HAZARD ☒ CONTRACTUAL INSURANCE ☒ BROAD FORM PROPERTY DAMAGE ☒ INDEPENDENT CONTRACTORS ☒ PERSONAL INJURY	1428-181040863	5-1-78	BODILY INJURY	$ 300	$ 300 *
				PROPERTY DAMAGE	$ 100	$ 100
				BODILY INJURY AND PROPERTY DAMAGE COMBINED	$	$
				*Applies to Products/Completed Operations Hazard.		$ (PERSONAL INJURY)
A	AUTOMOBILE LIABILITY ☒ COMPREHENSIVE FORM ☒ OWNED ☒ HIRED ☒ NON-OWNED	1428-18-040863		BODILY INJURY (EACH PERSON)	$ 500	
				BODILY INJURY (EACH OCCURRENCE)	$ 1,000	
				PROPERTY DAMAGE	$ 500	
				BODILY INJURY AND PROPERTY DAMAGE COMBINED	$	
	EXCESS LIABILITY ☐ UMBRELLA FORM ☐ OTHER THAN UMBRELLA FORM			BODILY INJURY AND PROPERTY DAMAGE COMBINED	$	$
A	WORKERS' COMPENSATION and EMPLOYERS' LIABILITY	1418-00-040863		STATUTORY		
					$ 100	(EACH ACCIDENT)
	OTHER					

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES

Cancellation: Should any of the above described policies be cancelled before the expiration date thereof, the issuing company will endeavor to mail _____ days written notice to the below named certificate holder, but failure to mail such notice shall impose no obligation or liability of any kind upon the company.

NAME AND ADDRESS OF CERTIFICATE HOLDER

City of Athens
Office of Mayor
Athens, Georgia 30601

DATE ISSUED: 6-18-79

W Pat Hopson

AUTHORIZED REPRESENTATIVE

SET TAB STOPS AT ARROWS

Certificate of Insurance

acord

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NAME AND ADDRESS OF AGENCY

Johnson & Higgins of Ga., Inc.
P.o. Box 1111
Atlanta, Georgia 30301
Telephone: (404) 658-1330

NAME AND ADDRESS OF INSURED

Barge & Company, Inc.
290 - 14th Street, NW
Atlanta, Georgia 30318

COMPANIES AFFORDING COVERAGES

COMPANY LETTER A	Employers Insurance of Wausau
COMPANY LETTER B	
COMPANY LETTER C	
COMPANY LETTER D	
COMPANY LETTER E	

This is to certify that policies of insurance listed below have been issued to the insured named above and are in force at this time.

COMPANY LETTER	TYPE OF INSURANCE	POLICY NUMBER	POLICY EXPIRATION DATE	Limits of Liability in Thousands (000)	EACH OCCURRENCE	AGGREGATE
A	GENERAL LIABILITY [X] COMPREHENSIVE FORM [X] PREMISES—OPERATIONS [X] EXPLOSION AND COLLAPSE HAZARD [X] UNDERGROUND HAZARD [X] PRODUCTS/COMPLETED OPERATIONS HAZARD [X] CONTRACTUAL INSURANCE [X] BROAD FORM PROPERTY DAMAGE [X] INDEPENDENT CONTRACTORS [X] PERSONAL INJURY	1427-18-040863	5-1-77	BODILY INJURY	$ 3000	$ 300 *
				PROPERTY DAMAGE	$ 100	$ 100
				BODILY INJURY AND PROPERTY DAMAGE COMBINED	$	$
				*Applies to Products/Completed Operations Hazard.		$ (PERSONAL INJURY)
A	AUTOMOBILE LIABILITY [X] COMPREHENSIVE FORM [X] OWNED [X] HIRED [X] NON-OWNED	1427-18-040863	5-1-77	BODILY INJURY (EACH PERSON)	$ 500	
				BODILY INJURY (EACH OCCURRENCE)	$1,000	
				PROPERTY DAMAGE	$ 500	
				BODILY INJURY AND PROPERTY DAMAGE COMBINED	$	
	EXCESS LIABILITY [ ] UMBRELLA FORM [ ] OTHER THAN UMBRELLA FORM			BODILY INJURY AND PROPERTY DAMAGE COMBINED	$	$
A	WORKERS' COMPENSATION and EMPLOYERS' LIABILITY	1417-00-040863	5-1-77	STATUTORY		
					$ 100	(EACH ACCIDENT)
	OTHER					

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES

Cancellation: Should any of the above described policies be cancelled before the expiration date thereof, the issuing company will endeavor to mail _____ days written notice to the below named certificate holder, but failure to mail such notice shall impose no obligation or liability of any kind upon the company.

NAME AND ADDRESS OF CERTIFICATE HOLDER:

City of Athens
Office of Mayor
Athens, Georgia 30601

DATE ISSUED: 6-18-79

W Pat Hopkins
AUTHORIZED REPRESENTATIVE

June 6, 1979

Mr. John Wagener
Barge and Company, Inc.
290 - 14th Street, N. W.
Atlanta, Georgia 30318

Dear Mr. Wagener:

I would appreciate your sending a Certificate of Insurance covering the period January 27, 1977 to date on the construction of Waterworks Improvements Project for the City of Athens.

Sincerely,

William T. Cook, Jr.
Administrative Ass't. to Mayor

WTC:sm

UPSHAW C. BENTLEY, JR., Mayor

CITY OF ATHENS

ENGINEERING DEPARTMENT

ATHENS, GEORGIA

H.L. PITTARD, City Engineer
BEN H. WILLIAMS, Asst. City Engr.
L. GARY DUCK, Engr.
GLENN COLEMAN, Engr. Aide
BENDINE PARHAM, Admin. Asst.
ED SMITH, Supt., Streets Div.
BOYDE MALCOLM, Supt., Water, Sewer Dist.

February 20, 1979

Mr. John Wagener
Barge and Company, Inc.
290 14th St., N.W.
Atlanta, Georgia 30318

RE: Water Works Improvements
Division II
Athens, Georgia

Dear John:

I am transmitting to you a copy of approved Change Order Request Number IX for the referenced project.

Sincerely,

Benton H. Williams

Benton H. Williams
Asst. City Engineer

BHW:mw

cc: Mr. William T. Cook, Jr.
Mr. Billy Travis
Mr. Jack Gray

CITY OF ATHENS

CONTRACT MODIFICATION

Change order Request No. IX Project No. B-75-HN-13-0003

Date: January 30, 1979 Location: Athens, Georgia

Contract No. Division Two (WTP) Type: Water Works Improvements

Description of Change: See Attachments.

Itemization of Proposed Change and Basis for Payment

Original Contract Amount	$3,619,250.00
Change Orders I - VIII	167,614.69
Revised Contract Amount	$3,786,864.69

Additional funds are to be provided in the following manner: Not Applicable

Extension of Contract Time Required: 60 days

This Change is Acceptable: BARGE AND CO, INC., Contractor

By: John H. Wagener

Recommended: WIECEMAN AND SINGLETON, Engineers

By: Ellen C. Thornton

Approval of Change is Requested: Mayor & Commission of the City of Athens, Owner

By: William Tate, Jr.

BARGE AND COMPANY, INC.
CONTRACTORS & ENGINEERS

290 14TH ST. N. W. TEL. 872-5893
ATLANTA, GEORGIA 30318

ALVIN BARGE, PRES.
JOE BAGGARLY, VICE PRES.
JOHN WAGENER, SEC. & TREAS.

January 17, 1979

Wiedeman & Singleton, Engineers
1789 Peachtree Rd., N.E.
Atlanta, Georgia 30309

Attention: Mr. Billy Travis

Gentlemen:

Please prepare change order to extend our contract time an additional 60 days for reasons stated in our letter of November 13, 1978. The last of the Torbitrol Company equipment was received in mid-December.

Yours very truly,

BARGE AND COMPANY, INC.

John H. Wagener

JHW/ba
attachment

November 13, 1973

Wideman and Singleton
1789 Peachtree Road, N.E.
Atlanta, Georgia 30309

Attention: Mr. Bill Travis

Gentlemen:

We have received the attached from Fulltrol Company with regard to the shipment of remaining items on the Athens project. If this information is correct, these dates represent a 60 day delay from the originally promised delivery dates.

This late delivery has delayed start-up of the new flocculation basins and thus prevented starting work on the existing basins

We request that 60 days additional time be allowed on our contract for the above stated reasons.

Very truly yours,

BARGE LND COMPANY, INC.

John Wagener

JW/ba

enc

December 6, 1978

Mr. Alvin Barge
Barge and Company, Inc.
290 - 14th Street, N. W.
Atlanta, Georgia 30318

Re: Waterworks Improvements
Division II - Athens, Ga.

Dear Mr. Barge:

There is enclosed Change Order No. 8 to our contract with you for Waterworks Improvements.

Sincerely,

William T. Cook, Jr.
Administrative Ass't. to Mayor

WTC:sm
cc: Wiedeman & Singleton
Lamar Pittard
Ben Williams
Jack Gray

Mr. Alvin Berge
Berge and Company, Inc.
290 - 14th Street, N. W.
Atlanta, Georgia 30318

Re: [illegible]
Division II - Athens, Ga.

Dear Mr. Berge:

There is enclosed Change Order No. 8 to our contract with you for Waterworks Improvements.

Sincerely,

William T. Cook, Jr.
Administrative Ass't. to Mayor

WTC:sm
cc: Wiedeman & Singleton
Lamar Hitch
Ben Williams
[illegible]

CITY OF ATHENS

CONTRACT MODIFICATION

Change Order Request No. VIII

Project No. B-75-HN-13-0003

Date: November 29, 1978

Location: Athens, Georgia

Contract No. Division Two (WTP)

Type: Water Works Improvements

Description of Change: See attachments.

Itemization of Proposed Change and Basis for Payment

Original Contract Amount	$3,619,250.00
Change Order No. I	8,202.00
No. II	9,798.00
No. III	4,828.00
No. IV	696.60
No. V	485.00
No. VI	6,257.63
No. VII	83,211.00
No. VIII (itemized on page 2)	54,136.46
Total Change	$ 167,614.69
Revised Contract Amount	$3,786,864.69

Additional funds are to be provided in the following manner: Contingency fund

Extension of Contract Time Required: 30 days

This Change is Acceptable; BARGE AND CO, INC., Contractor

By: John H. Wagener

Recommended: WIEDEMAN AND SINGLETON, ENGRS, Engineers

By: Billy P. Graves

Approval of Change is Requested: _____, Owner

By: _____

No. VIII

Add Alum Feed Lines	+ $	4,771.00
Add Electrical Conduit	+	167.46
Basin Repair	+	49,723.00
Delete Paint in Floculation Basin	-	1,100.00
Tank Anchor Bolts	+	575.00

BARGE AND COMPANY, INC.
CONTRACTORS & ENGINEERS
290 14TH ST., N. W. TEL. 872-5893
ATLANTA, GEORGIA 30318

ALVIN BARGE, PRES.
JOE BAGGARLY, VICE PRES.
JOHN WAGENER, SEC. & TREAS.

October 18, 1978

Wiedeman & Singleton, Engineers
1789 Peachtree Road, N. E.
Atlanta, Georgia 30309

Attention: Mr. Bill Travis

Reference: Athens Water Works Improvements

Gentlemen:

We attach a change order request from our electrical subcontractor for adding conduit for the light fixtures at the #4 Basin. This conduit was shown on the drawings as existing.

If this request is found to be in order, please prepare a change order in the amount of $167.46, to include General Contractor's Overhead and Profit.

Yours very truly,

BARGE AND COMPANY, INC.

John H. Wagener

John H. Wagener

JHW/ee

enclosure

WOMACK ELECTRIC COMPANY, INC.

Electrical Contractors

Industrial, Commercial and Residential Installations

P. O. Box 28098
6305 Roswell Road, N.E.
Atlanta, Georgia 30328
Phone: 252-1121

August 25, 1978

Barge And Company, Inc.
Attention: Mr. John Wagener
290 Fourteenth Street, N.W.
Atlanta, Georgia 30318

RE: Athens Water Works

Dear Sir:

Please add $145.62 to our contract on the above reference job for adding a conduit between 6 (six) fixtures Basin #4 South Wall.

Yours truly,

Larry E. Womack

Larry E. Womack, President

LEW:h

We Are An Equal Opportunity Employer

PRICING SHEET

JOB City of Athens Water Works

WORK Add Cond. Between 5' Fix. Basin & South

ESTIMATE

Sheet No. 1 Of Sheet 1

ESTIMATED BY	PRICED BY	EXTENDED BY	CHECKED BY	DATE
	WOMACK ELECTRIC CO., INC. P. O. BOX 28098 ATLANTA, GA. 30328 (404) 252-1121			8/22/78

	✓	MATERIAL	QUANTITY	MATERIAL PRICE	PER	MATERIAL EXTENSION	LABOR UNIT	PER	LABOR EXTENSION
1									
2		3/4 R. Cond.	60'	49 51	C	29 74	4 50	C	27[illegible]
3		W. P. J Box + Cover	1	7 29	E	7 29	65	E	65
4		3/4 L. B. C. + G.	2	2 35	E	4 70	10	E	10
5		Misc.	Lot	2 50	N	2 50	1 25	N	1 25
6						44 23			48[illegible]
7									15 79
8							LABOR		75 79
9							MAT.		44 23
10							TAX		1 33
11							S. TOTAL		121 35
12							20% O.H.&P.		24 27
13							TOTAL Add		145 62
14									
15									
16									
17									
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30									
31									
32									
33									
34									

Totals This sheet Transferred To Recap By-INITIAL ▶ MATERIAL ▶ LABOR ▶

[illegible] Contractors Assoc

January 25, 1978

Wiedeman & Singleton
1789 Peachtree Road, NE
Atlanta, GA 30309

Attention: Mr. Billy Travis

Reference: Athens Water Treatment Plant

Gentlemen:

In response to your request, we propose to furnish 6" hollow core slabs in lieu of the 4" slabs specified for use over the filter building for $1,452.31. A breakdown of those costs is as follows:

6" hollow core plank in lieu of 4"	$ 607.00
Installation of 6" plank in lieu of 4"	400.00
Additional grout, form lumber, 2 x 8 P.T. nailer in lieu of 2 x 6, etc.	50.00
Additional labor for installation of above	60.00
	$1,117.00
Taxes, Ins. & Fringe on Labor	119.60
	$1,236.60
4% Sales Tax on Material	26.28
	$1,262.88
15% General Contractor's OH&P	189.43
TOTAL	$1,452.31

written

written

Yours very truly,

BARGE AND COMPANY, INC.

John H. Wagener

JHW:knr

Copy

BARGE AND COMPANY, INC.

CONTRACTORS & ENGINEERS

290 14TH ST., N. W. TEL. 872-5895
ATLANTA, GEORGIA 30318

ALVIN BARGE, PRES.
JOE BAGGARLY, VICE PRES
ARGYLE CROCKETT, VICE PRES.

OTIS A. BARGE
ASSOCIATE

July 7, 1978

Wiedeman & Singleton
1789 Peachtree St., NE
Atlanta, GA 30309

Attention: Mr. Billy Travis

Reference: Athens Water Treatment Plant

Gentlemen:

We have attached an estimate for the revised Alum Feed Lines as requested in your letter of May 17, 1978. The total cost of this request is $4,771.00.

Yours very truly,

BARGE AND COMPANY, INC.

1100

John H. Wagener

JHW:kr

Attachment

BARGE AND COMPANY, INC.

JOB NO. _____ PAGE NO. 1 OF 1

JOB NAME ATHENS WATER TREATMENT PLANT

JOB LOCATION _____ ALUM FEED LINES ESTIMATE SUMMARY

CODE NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	ESTIMATED SUB-CONTRACT COST	LABOR ESTIMATED UNIT COST	LABOR ESTIMATED TOTAL COST	MATERIAL ESTIMATED UNIT COST	MATERIAL ESTIMATED TOTAL COST	ESTIMATED TOTAL COST	LINE NO.
1	2	3	4	5	6	7	8	9	
									1
	PIPING CHANGES P&R								2
	Stephenson Quote (ATTACHED)		3,993.		—		—	3,993.	3
	TWO ADDITIONAL TAPS				—		—		4
	on 42" RAW WATER LINE		—		—		150	150.	5
									6
	SUB-TOTAL		3993.				150	4,143.	7
	4% SALES TAX						6	6	8
	SUB-TOTAL							4,149	9
	15% O,H & P							622.	10
	TOTAL							4,771.	11
									12
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STEPHENSON ASSOCIATES
INCORPORATED
Est. 1881
Mechanical Contractors & Engineers
SCOTTDALE, GEORGIA 30079
294-1722
540 KENTUCKY STREET

July 5, 1978

Barge & Company
290 14th Street NW
Atlanta, GA 30318

Attn: Mr. John H. Wagener

Re: Alum Feed Line Changes

Dear Mr. Wagener:

Stephenson Associates, Inc. proposes to furnish the labor and material required to install the piping changes to the alum feed lines as detailed on the sketch attached to your May 22, 1978 letter for a lump sum price of $3,993.00.

The work would be done under the same agreement as spelled out in our contract with you, #44-772.

A detailed cost breakdown is attached.

Very truly yours,

STEPHENSON ASSOCIATES, INC.

S.R. Brown

S.R. Brown
Project Manager

SRB:lk

Re: Alum Feed Line Changes

Stephenson Associates, Inc.
7/3/78
Lump Sum Total

Cost Breakdown

	Labor	Material	Total
1. PVC valves, fittings, hangers, pipe, corp. cocks, & accessories	--	$ 1,569.00	$ 1,569.00
2. Labor to install PVC, corp, cock & accessories; hangers, etc.	$ 1,361.00		1,361.00
SUB TOTAL	$ 1,361.00	$ 1,569.00	$ 2,930.00
18.6% Labor, Taxes & Insurance	253.00		253.00
4% Hand Tools	54.00		54.00
4% Sales Tax		63.00	63.00
			$ 3,300.00
10% Overhead			330.00
			$ 3,630.00
10% Profit			363.00
TOTAL			$ 3,993.00

BARGE AND COMPANY, INC.

CONTRACTORS & ENGINEERS

290 14TH ST., N. W. TEL. 872-5893
ATLANTA, GEORGIA 30318

ALVIN BARGE, PRES.
JOE BAGGARLY, VICE PRES.
JOHN WAGENER, SEC. & TREAS.

October 4, 1978

Wiedeman & Singleton, Engineers
1789 Peachtree Road, N. E.
Atlanta, Ga. 30309

Attention: Mr. Bill Travis

Reference: Waterworks Improvement
Athens, Georgia

Gentlemen:

Attached is a revised estimate in the amount of $49,723.00 for the repairs and rebuilding of existing flocculation basins. As discussed in our meeting, we have included in our proposal the new baffle wall in the clearwell and eliminated some rubbing; the removal of the curb at the canopy columns; some dowels from new to existing concrete, and the use of epoxy grout. All patching work will be done with latex grout. The curb at the canopy columns will be chipped back and patched with latex grout.

If this proposal is acceptable, please advise as soon as possible, as the specified work in the existing basins will begin shortly.

Yours very truly,

BARGE AND COMPANY, INC.

John H. Wagener

John H. Wagener

JHW/ee
enclosure

BARGE AND COMPANY, INC.

JOB NO. _____ PAGE NO. 1 OF 3

JOB NAME ATHENS WATER TREATMENT PLANT

JOB LOCATION REPAIRS @ FLOCCULATION BASINS ESTIMATE SUMMARY

CODE NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	ESTIMATED SUB-CONTRACT COST	LABOR ESTIMATED UNIT COST	LABOR ESTIMATED TOTAL COST	MATERIAL ESTIMATED UNIT COST	MATERIAL ESTIMATED TOTAL COST	ESTIMATED TOTAL COST	LINE NO.
1	2	3	4	5	6	7	8	9	
	AT BAFFLE WALLS								1
									2
	REMOVE CONCRETE	390 C.F.		10.50	4,095.		—	4,095.	3
	LOAD & HAUL OUT OF BASIN	30 C.Y.		20.00	600.	2.00	60.	660.	4
	HAUL OFF	30 C.Y.			—	6.00	180.	180	5
	SET SCAFFOLD	L.S.			400.		—	400.	6
	DRILL FOR DOWELS	50 EA		1.25	63.		—	63.	7
	SET DOWELS IN NON-SHRINK	50 EA.		.50	25.		15	40	8
	R.I. STEEL	1.5 TONS		160.00	240.	375.00	563.	803.	9
	FORM - (BEAM FORM)	2200 S.F.		3.00	6,600.	.90	1,980.	8,580.	10
	BOND AGENT	360 L.F.		.20	72.	.10	36.	108.	11
	POUR CONCRETE	18 C.Y.		12.00	216.	30.00	540.	756.	12
	CHAMFER	720 L.F.		.30	216.	.20	144.	360.	13
	FINISH	360 L.F.		.20	72.	.02	7	79.	14
	RUB CONCRETE	2,385 S.F.		65.	1550.	.02	48.	1,598.	15
					—		—	—	16
	AT FILTER TROUGHS				—		—	—	17
					—		—	—	18
	REMOVE CONCRETE	127 C.F		10.50	1,334.		—	1,334.	19
	LOAD & HAUL OUT	10 C.Y.		20.00	200.	2.00	20.	220.	20
	HAUL OFF	10 C.Y.			—	6.00	60.	60.	21
	SET SCAFFOLD	L.S.			100		—	100.	22
	SHORE TROUGHS	9 EA.		50.00	450.	5.00	45.	495.	23
	DRILL FOR DOWELS	50 EA.		1.25	63.		—	63.	24
	SET DOWELS IN EPOXY	50 EA.		.50	25.		10	35.	25
	R.I. STEEL	.35 TONS		160.00	56.	375.00	131.	187.	26
	FORM - (BEAM FORM) AROUND TROUGHS	576 S.F.		4.50	2,592.	1.20	691.	3,283.	27
	BOND AGENT	96 L.F.		.20	19.	.10	10.	29.	28
	POUR CONCRETE	5 C.Y.		15.00	75.	30.00	150.	225.	29
	CHAMFER	200 L.F.		.30	60.	.20	40.	100.	30
	FINISH	96 L.F.		.20	19.	.02	2.	21	31
	RUB CONCRETE	640 S.F.		.65	416.	.02	13.	429.	32
					19558.		4915	[illegible]	33

BARGE AND COMPANY, INC.

JOB NO.

PAGE NO. 2 OF 3

JOB NAME ATHENS WATER TREATMENT PLANT

JOB LOCATION

ESTIMATE SUMMARY

CODE NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	ESTIMATED SUB-CONTRACT COST	LABOR ESTIMATED UNIT COST	LABOR ESTIMATED TOTAL COST	MATERIAL ESTIMATED UNIT COST	MATERIAL ESTIMATED TOTAL COST	ESTIMATED TOTAL COST	LINE NO.
1	2	3	4	5	6	7	8	9	
	AT CANOPY COLUMNS								1
									2
	CHIP & PATCH CONC.	225 S.F		3.00	675.	1.00	225.	900.	3
	LOAD & HAUL OUT	1 C.Y.		20.00	20.	2.00	2.	22	4
	HAUL OFF				—	6.00	6.	6.	5
									6
	REMOVE OLD & INSTALL NEW BAFFEL WALL								7
									8
	REMOVE OLD WALL				250.		30	280.	9
	INSTALL NEW WALL				400.		150.	550.	10
	MORTAR				—		60.	60.	11
	REIN.				—		8.	8.	12
	CLEAN-UP				50.		5.	55.	13
					—		—	—	14
					—		—	—	15
					—		—	—	16
					—		—	—	17
					—		—	—	18
					—		—	—	19
					—		—	—	20
	REPAIR CONTROL JOINT				—		—	—	21
					—		—	—	22
	SAW CUT - 2" DEEP	80 L.F		2.00	160.		—	160.	23
	REMOVE CONC.	60 S.F.		4.00	240.		—	240	24
	BOND AGENT	60 S.F.		.20	12.	.10	6.	18.	25
	LAYER GROUT PATCH	60 S.F.		1.50	90.	2.00	120.	210.	26
	EXP. JOINT	40 L.F		.50	20.	.60	24.	44	27
	BACKER ROD & CAULK	40 L.F.		1.25	50.		—	50.	28
									29
									30
									31
									32
					1861		636.	[illegible]	33

BARGE AND COMPANY, INC.

JOB NO. _____ PAGE NO. 2 OF 2

JOB NAME ATHENS WATER TREATMENT PLANT

JOB LOCATION _____ ESTIMATE SUMMARY

CODE NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	ESTIMATED SUB-CONTRACT COST	LABOR ESTIMATED UNIT COST	LABOR ESTIMATED TOTAL COST	MATERIAL ESTIMATED UNIT COST	MATERIAL ESTIMATED TOTAL COST	ESTIMATED TOTAL COST
1	2	3	4	5	6	7	8	9
	GENERAL CONDITIONS							
	LAYOUT & ENGINEERING	L.S.			300.		30.	33[illegible]
	CRANE TIME	1/2 x 90 HRS.	2700.	60.00	—		—	2700
	Comp. & AIR HAMMER TIME	170 HRS			—	10.00	1,700.	1,700.
	DRILLS, & DRILL POINTS	L.S.			—		320	320
	CLEAN-UP				300		150.	450.
	SUPERVISION	9 WKS x 1/2		550.	1,925.	100.	350.	2,275.
	SCAFFOLD	6 WKS.			—	100.00	400.	400
	HAMMER DRILL	L.S.			—		250.	250
	CONCRETE TESTING	L.S.			—		100.	100.
					—		—	—
	LATEX PATCH - 1"	75 S.F.		3.50	263.	.50	38.	301.
	LATEX PATCH - 2"	75 S.F.		5.50	413.	1.00	75.	488.
			2700		3201		3400	[illegible]
	SUB-TOTAL		2700		24,726.		8,284.	36,010
	27% TAX, INSUR. & FRINGE ON LABOR				6,676.		—	6,676.
	4% SALES TAX				—		351.	351.
			2700.		31,402.		9,135.	[illegible]
	15% GEN. CONTRACTORS O,H&P							[illegible]
	TOTAL							[illegible]

April 13, 1978

Mr. John H. Wagener
Secretary & Treasurer
Barge and Company, Inc.
290 14th Street, N. W.
Atlanta, Georgia 30318

Dear Mr. Wagener:

There is enclosed an approved Change Order No. 7 relating to our contract with you for Waterworks Improvements.

Sincerely,

William T. Cook, Jr.
Administrative Ass't. to Mayor

WTC:sm
cc: Wiedeman & Singleton w/cy Change Order
Ben Williams w/cy Change Order
Jack Gray w/cy Change Order

April 13, 1978

Mr. John H. Wagener
Secretary & Treasurer
Berge and Company, Inc.
[illegible]
Atlanta, Georgia 30318

Dear Sir, Mr. Wagener:

There is enclosed an approved Change Order No. 7 relating to our contract with you for Waterworks Improvements.

Sincerely,

William T. Cook, Jr.
Administrative Ass't. to Mayor

cc: Wiedeman & Singleton w/cy Change Order
Ben Williams w/cy Change Order
Jack Gray w/cy Change Order

CITY OF ATHENS

CONTRACT MODIFICATION

Change Order Request No. VII **Project No.** B-75-HN-13-0003

Date: April 3, 1978 **Location:** Athens, Georgia

Contract No. Division Two (WTP) **Type:** Water Works Improvements

Description of Change:
1. Wash water tank foundation (79,006.00).
2. Grout bottom of existing clarifier (4,205.00).

Reason for Change:
1. Foundation for new tank.
2. Grout bottom of old basin for new equipment.

Itemization of Proposed Change and Basis for Payment

Original Contract Amount		$3,619,250.00
Change Order No. I		8,202.00
No. II		9,798.00
No. III		4,828.00
No. IV		696.60
No. V		485.00
No. VI		6,257.63
No. VII		83,211.00
	Total Change	$ 113,478.23
Revised Contract Amount		$3,732,728.23

Additional funds are to be provided in the following manner: contingency fund

Extension of Contract Time Required: 30 days

This Change is Acceptable; *BARGE AND COMPANY, INC.*, Contractor

By: [signature]

Recommended: WIEDEMAN AND SINGLETON, ENGRS., Engineers

By: Ellen M Calloway

Approval of Change is Requested: City of Athens, Owner

By: [signature]

Recommended For Payment
John H. Guy, II
Project Engineer
4/11/78

BARGE AND COMPANY, INC.
CONTRACTORS & ENGINEERS
290 14TH ST., N. W. TEL. 872-5893
ATLANTA, GEORGIA 30318

ALVIN BARGE, PRES.
JOE BAGGARLY, VICE PRES.
JOHN WAGENER, SEC. & TREAS.

March 10, 1978

Wiedeman & Singleton
1789 Peachtree Road, NE
Atlanta, GA 30309

Attention: Mr. Billy Travis

Reference: Athens Water Treatment Plant

Gentlemen:

We have attached a letter from Dorr-Oliver Co. recommending the use of grout to shape the floors at clarifiers one and two. The grout fill will facilitate installing the necessary flat corner areas required for the proper operation of the corner sweeps, and overcome the problems presented by the irregularities in the existing floors.

Our estimate for this additional work is $4,205.00 (see attached breakdown). If this work is desired please advise as soon as possible so that the clarifiers may be placed in production.

Yours very truly,

BARGE AND COMPANY, INC.

John H. Wagener

JHW:kr

Attachment

cc: Mr. C. Q. Nevitt

BARGE AND COMPANY, INC.

JOB NO. _____ PAGE NO. 1 OF 1

JOB NAME Athens Water Treatment Plant

JOB LOCATION 40' Clarifier Bottoms ESTIMATE SUMMARY

CODE NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	ESTIMATED SUB-CONTRACT COST	LABOR ESTIMATED UNIT COST	LABOR ESTIMATED TOTAL COST	MATERIAL ESTIMATED UNIT COST	MATERIAL ESTIMATED TOTAL COST	ESTIMATED TOTAL COST	LINE NO.
1	2	3	4	5	6	7	8	9	
									1
	Grout Clarifier Bottoms	24 C.Y.			608.	30.00	720.	1323.	2
	Bonding Agent For Above	3200 S.F.		.06	192.	.06	192.	384.	3
	Crane 16 HRS.	16 HRS	800.	50.00	—		—	800.	4
	6" Edge Form Radius	100 L.F.		1.50	150.	.50	50.	200	5
	Concrete Flat Areas	8 C.Y.		10.00	80.	30.00	240.	320.	6
	S & Finish Flat Areas	687 S.F.		.14	96.		—	96.	7
	Curb	3200 S.F.		.03	96.	.02	64.	160	8
	Sub-Total		800.		1,222.		1266.	3288.	9
	Taxes, Insurance, etc		—		318.		51.	369.	10
			800.		1540.		1317.	3657.	11
	15% O.H & P							549.	12
								4205.	13
									14
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DORR-OLIVER INCORPORATED

47 PERIMETER CENTER EAST, N.E.
ATLANTA, GEORGIA 30346
AREA 404-394-6200

March 8, 1978

Barge & Company, Inc.
290 14th Street, N.W.
Atlanta, Georgia 30318

Attention: Mr. John H. Wagener

Re: Athens, Georgia
Water Treatment Plant
D-O #81084
Your Order #4-772

Gentlemen:

In accordance with our previous discussion, we note that Dorr-Oliver has sent to you revisions of our Drawing No. 03D20400, the 40' Clarifier. These drawings bear a date of March 2, 1978, and previous copies of this drawing should be destroyed.

It is our feeling that by adding the approximate 2" of grout throughout the tanks, you can overcome the problems presented by the irregularities in the existing floors. This is particularly important in the corners, where we must have the flat area shown on our drawing, in order for the corner scrapers to function properly.

We suggest that after obtaining approval of the Engineer, the Contractor should follow our drawings with respect to the location of concrete inserts and other items which might have a bearing on the proper operation of the equipment after installation.

Will you please return to us as soon as possible, one copy of the above mentioned drawing, with either the Engineer's comments or approval noted thereon.

Very truly yours,

DORR-OLIVER INCORPORATED

B. F. Rockecharlie

B. F. Rockecharlie
Resident Manager
Southern Region
Environmental Sales

BFR:kh
cc: Mr. J. Maury

INTERNATIONAL HEADQUARTERS:
STAMFORD, CONNECTICUT 06904, U. S. A.
CABLE: DORROLIVER STAMFORD

BARGE AND COMPANY, INC.
CONTRACTORS & ENGINEERS
290 14TH ST. N. W. TEL. 872-5893
ATLANTA, GEORGIA 30318

ALVIN BARGE, PRES.
JOE BAGGARLY, VICE PRES.
JOHN WAGENER, SEC. & TREAS.

March 27, 1978

Wiedeman & Singleton
1789 Peachtree Road, NE
Atlanta, GA 30309

Attention: Mr. C. Q. Nevitt

Reference: Athens Water Treatment Plant

Gentlemen:

We have attached an estimate for the wash water reservoir as shown on your Plans and Specifications dated January, 1978. We propose to furnish this work for seventy-nine thousand, six dollars and no cents ($79,006.00). If this work is desired please advise as soon as possible so that long lead time item may be placed on order. A thirty (30) day extension of contract time is requested to complete this work.

Yours very truly,

BARGE AND COMPANY, INC.

John H. Wagener

JHW:kr

Attachment

cc: Mr. Billy Travis

BARGE AND COMPANY, INC.

JOB NO.

PAGE NO. 1 OF 3

JOB NAME ATHENS WATER TREATMENT PLANT

JOB LOCATION WASH WATER RESERVOIR

ESTIMATE SUMMARY

CODE NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	ESTIMATED SUB-CONTRACT COST	LABOR ESTIMATED UNIT COST	LABOR ESTIMATED TOTAL COST	MATERIAL ESTIMATED UNIT COST	MATERIAL ESTIMATED TOTAL COST	ESTIMATED TOTAL COST	LINE NO.
1	2	3	4	5	6	7	8	9	
	LAYOUT & ENGINEERING				1000.		—	1000.	1
	GRADING - CUT & FILL		700.		—		—	700.	2
	REMOVE TREES	5 EA.	225.		—		—	225.	3
	LOAD & HAUL TREES TRUCKS & TRACTOR		260		—		—	260.	4
	CUT UP TREES 3 LABORS & SAW				156.		55.	211.	5
	HAND BACK FILL IN FOUNDATION 210 TONS 105 C.Y.			15.00	1575.	5.00 —	1050.	2625.	6
	LOAD IN FILL MATERIAL	105 C.Y	263.	← 2.50	—		—	263.	7
	SCREED	1134 S.F		.20	227.		—	227.	8
	OIL-SAND FILL 20 TONS 15 C.Y.			30.00	450.	5.00	100. —	550.	9
	MIXER RENTAL	L.S.			—		55.	55.	10
	OIL	275 GAL				.60	165.	165.	11
	SCREED	2268 S.F		.20	454.		—	454.	12
	HAUL IN FILL DIRT	200 C.Y.	600.	← 3.00	—		—	600.	13
	BACK FILL @ WALLS	50 C.Y	150.	← 3.00 5.00	250.		—	400.	14
	TRENCH ROCK EXC @ FOUNDATION	26 C.Y	3,900.	← 150.00	—		—	3,900.	15
	DIRT EXC	40 C.Y.	200.	← 5.00 2.00	80.		—	280.	16
	HAUL OFF ROCK	26 C.Y	78.	← 3.00	—		—	78.	17
	CLASS "C" FOUNDATION	90. C.Y.		8.00	720.	23.00	2,070.	2,790.	18
	SCREED & FINISH	377 S.F		.15	56.		—	56.	19
	R.I. STEEL	4 TONS.		150.00	600.	375.	1500.	2100.	20
	RING-WALL - CONCRETE	38 C.Y.		10.00	380.	26.00	988.	1368.	21
	FORM - (ROUND)	1006 S.F		3.00	3,018.	.80	805.	3,823.	22
	WEEPS	3 EA.		3.00	9.	5.00	15.	24.	23
	BLOCK OUT - ROUND	132 L.F		1.00	132.	1.00	132.	264.	24
	CHAMFER - 2" ROUND	132 L.F.		.40	53.	.20	26.	79.	25
	GROUT - NON SHRINK	132 L.F		.30	40		30.	70.	26
	ANCHOR BOLTS	20 EA		15.00	300.		—	300.	27
	SCREED & FINISH TOP	264 S.F		.15	40.		—	40.	28
	VALVE BOX - CONCRETE	14 C.Y.		10.00	140.	26.00	364.	504.	29
	BLOCK OUT	54 S.F		2.00	108.	.50	27.	135.	30
	FORM OPENINGS - ROUND	3 EA		25.00	75.	5.00	15.	90.	31
	BRICK @ VALVE BOX		250.						32
			6,626.		9563.		7397.	23586.	33

BARGE AND COMPANY, INC.

JOB NO.

PAGE NO. 2 OF 3

JOB NAME ATHENS WATER TREATMENT PLANT

JOB LOCATION WASH WATER RECEIVER

ESTIMATE SUMMARY

CODE NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	ESTIMATED SUB-CONTRACT COST	LABOR ESTIMATED UNIT COST	LABOR ESTIMATED TOTAL COST	MATERIAL ESTIMATED UNIT COST	MATERIAL ESTIMATED TOTAL COST	ESTIMATED TOTAL COST	LINE NO.
1	2	3	4	5	6	7	8	9	
	TESTING ON CONCRETE				—		350.	350.	1
	FORM BOTTOM	63 S.F		1.30	82.	.40	25.	107.	2
	FORM WALLS	330 S.F		3.00	990.	.60	198.	1188.	3
	S & F	190 S.F		.15	29		—	29.	4
	CURB	190 S.F.		.02	4.	.02	4.	8.	5
	KEY	42 L.F		.30	13	.30	13.	26.	6
	CONCRETE PIPE STANDS	3 EA		300.00	900.	50.00	150.	1050.	7
	RUB WALLS	395 S.F		1.00	395.		—	395.	8
	ROUGH RUB & REMOVE TIES	1072 S.F.		.30	321.		—	321.	9
	HEAD WALL	L.S.	375.		—		—	375.	10
	6" PAD @ VALVES	L.S.			50.		20.	70.	11
	ADDITIONAL WALK	280 SF	378.	← 1.35	—		—	378.	12
	EXP. JT @ WALK, WALL	178 L.F		.25	45.	.25	45	90.	13
	CUT JOINT	250 L.F.	250.	← 1.00	—		—	250.	14
	SHAPE DITCH	L.S	35.		30.		—	65.	15
	STAIRS	L.S			160.		50	210.	16
	NOISINGS	8 EA.		3.00	24.		35.	59.	17
	D.I. PIPE	L.S.	9746.		—		6548.	16,294.	18
	MACHINE TIME FOR ABOVE	92 HRS.	5520.	← 60.00	—		—	5520.	19
	VALVES - GATE				—		1157.	1157.	20
	VALVES - BUTTERFLY	1 EA			—		3032.	3032.	21
	M.J. ACCESSORIES				—		390.	390.	22
	SCRAP SURCHARGE ON PIPE				—		100.	100.	23
	EXC. DIRT @ PIPE	40 C.Y.	200.	← 5.00 2.00	80.		—	280	24
	EXC. ROCK @ PIPE	36 C.Y	4,320.	← 120.00	—		—	4,320	25
	HAUL OFF ROCK	36 C.Y	108.	3.00	—		—	108.	26
	HAUL IN DIRT	36 C.Y	108	3.00	—		—	108.	27
	BACK FILL @ PIPE	75 C.Y	150.	← 3.00 3.00	225.		—	375.	28
	BLOCKING PIPE	L.S.			800.		400.	1,200.	29
	SUPERVISION	8 MEN x 1/2		500.	2000.		—	2,000.	30
			21,190.		6148.		12,517.	39,855.	31
	FROM PAGE #1		6,626.		9863.		7397.	23,886.	32
	TOTAL		27,816.		16,011.		19,914.	63,741.	33

BARGE AND COMPANY, INC.

JOB NO.

PAGE NO. 3 OF 3

JOB NAME ATHENS WATER TREATMENT PLANT

JOB LOCATION

ESTIMATE SUMMARY

CODE NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	ESTIMATED SUB-CONTRACT COST	LABOR		MATERIAL		ESTIMATED TOTAL COST	LINE NO.
				ESTIMATED UNIT COST	ESTIMATED TOTAL COST	ESTIMATED UNIT COST	ESTIMATED TOTAL COST		
1	2	3	4	5	6	7	8	9	
									1
	SUB-TOTAL		27,846		16,011		19,914.	63,741.	2
	26% TAX, INS. & FRINGES				4163.		—	4163.	3
	4% SALES TAX				—		797.	797.	4
			27,566.		20,174.		20,711.	68,701.	5
	15% O, H & P							10,305.	6
									7
					TOTAL			79,006.	8
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March 2, 1978

Mr. Alvin Barge
Barge and Company, Inc.
290 - 14th Street, N. W.
Atlanta, Georgia 30318

Re: Waterworks Improvements
Division Two (WTP), Athens, Ga.

Dear Mr. Barge

Enclosed is an approved copy of Change Order No. 6 for Division Two of our waterworks contract with you.

Sincerely,

William T. Cook, Jr.
Administrative Ass't. to Mayor

WTC:sm
cc: Wiedeman & Singleton w/1 cy Change Order
Ben Williams w/1 cy Change Order
Jack Gray w/1 cy Change Order

City of Athens, Georgia

CONTRACT MODIFICATION

Change Order Request No. VI Project No. B-75-HN-13-0003

Date: February 20, 1978 Location: Athens, Georgia

Contract No. Division Two Type: Water Improvements

Description of Change: Change of 4" roof slab to 6" and installation of metal sleeve to anchor sludge equipment in old section of plant. Also requested is a time extension. See attached cost break downs, drawing and time extension request.

Itemization of Proposed Change and Basis for Payment

Metal Sleeve	4,805.32	
6" Hollow Core Plank	1,452.31	
TOTAL	6,257.63	
	Original Contract Amount	$3,619,520.00
	Change Orders No. I thru VI	30,267.23
	Revised Contract Amount	$3,649,787.23

Additional funds are to be provided in the following manner:

Extension of Contract Time Required: 30 days for weather - see attached letter

This Change is Acceptable; BARGE AND COMPANY, INC., Contractor

By: [signature]

Recommended: WIEDEMAN AND SINGLETON, ENGRS., Engineers

By: [signature]

Recommended For Payment
John M. Gray, III
Project Engineer

Approval of Change is Requested: , Owner

By:

BARGE AND COMPANY, INC.

CONTRACTORS & ENGINEERS

290 14TH ST., N. W. TEL. 872-5893
ATLANTA, GEORGIA 30318

ALVIN BARGE, PRES.
JOE BAGGARLY, VICE PRES.
JOHN WAGENER, SEC. & TREAS.

January 25, 1978

Wiedeman & Singleton
1789 Peachtree Road, NE
Atlanta, GA 30309

Attention: Mr. Billy Travis

Reference: Athens Water Treatment Plant

Gentlemen:

In response to your request, we propose to furnish 6" hollow core slabs in lieu of the 4" slabs specified for use over the filter building for $1,452.31. A breakdown of those costs is as follows:

6" hollow core plank in lieu of 4"	$ 607.00
Installation of 6" plank in lieu of 4"	400.00
Additional grout, form lumber, 2 x 8 P.T. nailer in lieu of 2 x 6, etc.	50.00
Additional labor for installation of above	60.00
	$1,117.00
Taxes, Ins. & Fringe on Labor	119.60
	$1,236.60
4% Sales Tax on Material	26.28
	$1,262.88
15% General Contractor's OH&P	189.43
TOTAL	$1,452.31

Yours very truly,

BARGE AND COMPANY, INC.

John H. Wagener

JHW:knr

BARGE AND COMPANY, INC.

CONTRACTORS & ENGINEERS

290 14TH ST., N. W. TEL. 872-5893
ATLANTA, GEORGIA 30318

ALVIN BARGE, PRES.
JOE BAGGARLY, VICE PRES.
JOHN WAGENER, SEC. & TREAS.

January 13, 1978

Wiedeman & Singleton
1789 Peachtree Road, NE
Atlanta, GA 30309

Attention: Mr. Billy Travis

Reference: Athens Water Treatment Plant

Gentlemen:

Please be advised that we propose to furnish and install center column attachments for clairifiers number one and two for the sum of four thousand, eight hundred five dollars and thirty-two cents ($4,805.32). A breakdown of costs involved is as follows:

2 each -	Center column attachments (Drawing #81084) -	$2,400.00
2 each -	Set column attachments	150.00
30 each -	S.S. 7/8" cinch anchors @ $20.62/ea.	618.60
30 each -	Installation of S.S. anchors @ $15.00/ea.	450.00
	Drill motor and drill for above	80.00
	Crane time - 4 hrs. @ $50.00/hr.	200.00
	26% taxes, insurance & fringe on labor	156.00
	4% sales tax on $3,098.00	123.94
		$4,178.54
	15% general contractor's O.H.&P.	626.78
		$4,805.32

If this work is desired, please advise.

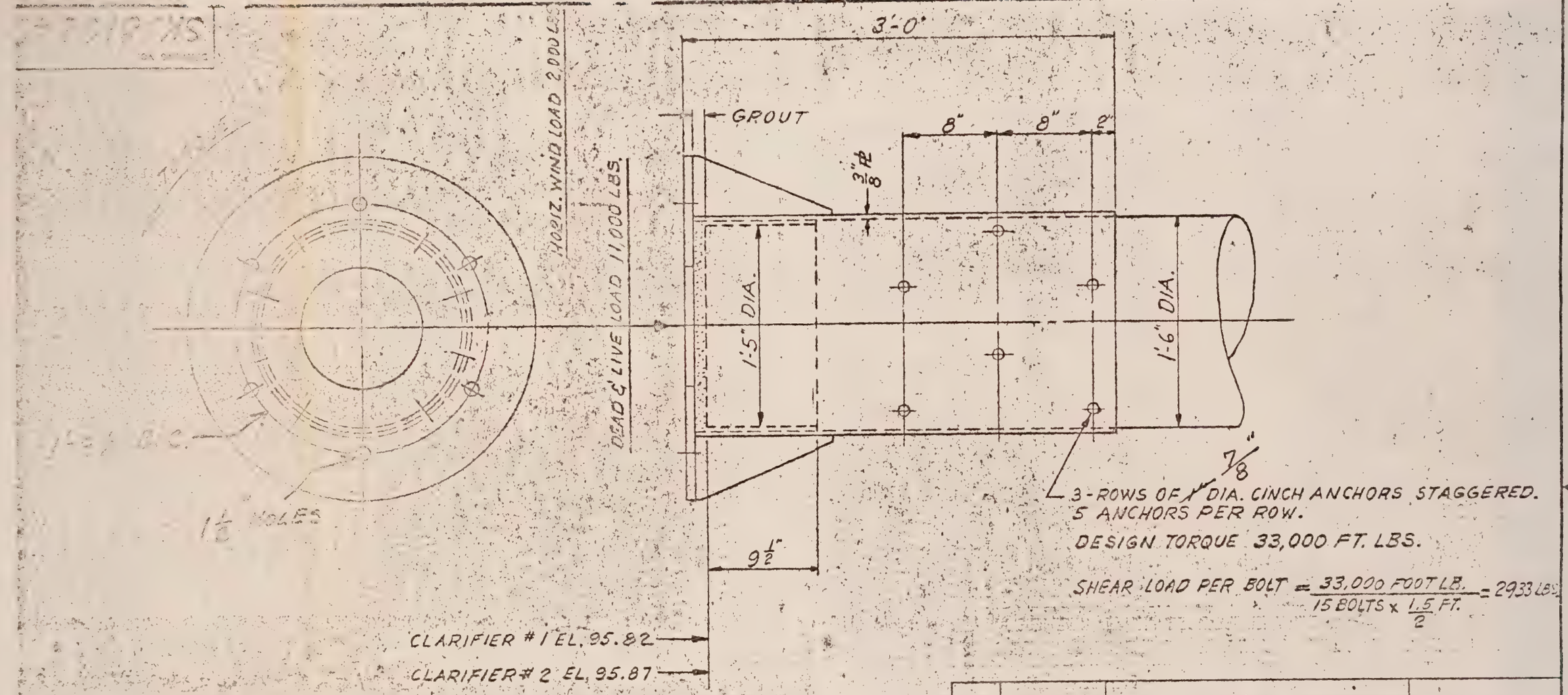
Yours very truly,

BARGE AND COMPANY, INC.

John H. Wagener

JHW:knr

Attachment



ITEM NO.	MATERIAL	SPECIFICATION	PART NUMBER

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES/OR FEET
TOLERANCES ARE AS FOLLOWS:
FRACTIONS:
DECIMALS:
ANGLES:

THIS DRAWING CONTAINS CONFIDENTIAL PROPRIETARY INFORMATION OF DORR-OLIVER INCORPORATED AND IS NOT TO BE DISCLOSED TO THE PUBLIC OR TO COMPETITORS NOR TO BE USED EXCEPT FOR EVALUATING PROPOSALS OF DORR-OLIVER OR INSTALLING, OPERATING, OR MAINTAINING DORR-OLIVER EQUIPMENT UNLESS OTHERWISE AUTHORIZED IN WRITING BY DORR-OLIVER.

DORR-OLIVER INCORPORATED
STAMFORD CONNECTICUT U.S.A.

SCALE			
DRAWN	9-30-77	BY	LEC
CHK'D		BY	
APPV'D		BY	
SCALE	1 1/2" = 12"	MADE FROM	
MICROFILMED		ON ORDER NO.	81084

PROPOSED CENTER COLUMN ATTACHMENT FOR DORR-OLIVER CENTER MECHANISM

ISSUED
ORDER NO.
DRAWING NO. SK. 81084

NO.	REVISIONS	BY	DATE	MICROFILMED

FORM 8911-1 GE

BARGE AND COMPANY, INC.
CONTRACTORS & ENGINEERS
290 14TH ST., N. W. TEL. 872-5893
ATLANTA, GEORGIA 30318

ALVIN BARGE, PRES.
JOE BAGGARLY, VICE PRES.
JOHN WAGENER, SEC. & TREAS.

January 31, 1978

Wiedeman & Singleton
1789 Peachtree Road, NE
Atlanta, GA 30309

Attention: Mr. C. Q. Nevitt

Reference: Athens Water Treatment Plant

Gentlemen:

A combination of freezing temperatures, and the wettest January since 1936 has resulted in almost a complete loss of productive work during the past thirty (30) days. The long range weather forecast, well into February, is for more cold temperatures and rain. Unfortunately, due to this bad weather, major pours on the flocculation basins and the bottom slabs for the filter building have been put off indefinately.

Due to this cold, wet weather an extension in time will be required on this project. Our estimate of the lost days will be forthcoming when the weather breaks sufficiently to make the afore mentioned major pours.

Yours very truly,

BARGE AND COMPANY, INC.

John H. Wagener

JHW:kr

cc: Mr. Billy Travis
Mr. Paul Tompkins

January 5, 1978

Mr. Alvin Barge
Barge and Company, Inc.
290 - 14th Street, N. W.
Atlanta, Georgia 30318

Re: Waterworks Improvements
Division Two (WTP), Athens, Ga.

Dear Mr. Barge:

Enclosed is an approved copy of Change Order No. 5 for Division Two of our waterworks contract with you.

Sincerely,

William T. Cook, Jr.
Administrative Ass't. to Mayor

WTC:sm
cc: Wiedeman & Singleton w/1 cy Change Order
Ben Williams w/1 cy Change Order
Jack Gray w/1 cy Change Order
Johnny Fowler w/1 cy Change Order

January 5, 1978

Mr. Alvin Barge
Barge and Company, Inc.
290 - 14th Street, N. W.
Atlanta, Georgia 30318

Re: Waterworks Improvements
Division Two (WTP), Athens, Ga.

Dear Mr. Barge:

Enclosed is an approved copy of Change Order No. 5 for Division Two of our waterworks contract with you.

Sincerely,

William T. Cook, Jr.
Administrative Ass't. to Mayor

WTC:sm
cc: Wiedeman & Singleton w/1 cy Change Order
Ben Williams w/1 cy Change Order
Jack Gray w/1 cy Change Order
Jimmy Baker w/1 cy Change Order

ENVIRONMENTAL PROTECTION AGENCY
SOUTHEAST REGION

CONTRACT MODIFICATION

Change Order Request No. V Project No. B-75-HN-13-0003

Date: December 14, 1977 Location: Athens, Georgia

Contract No. Division Two (WTP) Type: Water Works Improvements

Description of Change: Add a flap valve on the 12" drain line at the flocculation basin.

Reason for Change: To eliminate any chance of backflow under the basins.

Itemization of Proposed Change and Basis for Payment

Original Contract Amount		$3,619,250.00
Change Order No. I		8,202.00
Change Order No. II		9,798.00
Change Order No. III		4,828.00
Change Order No. IV		696.60
Change Order No. V		485.00
	Total Changes	$ 24,009.60
Revised Contract Amount		$3,643,259.60

Additional funds are to be provided in the following manner: Project Contingency Fund

Extension of Contract Time Required: None Required

This Change is Acceptable: BARGE AND COMPANY, INC., Contractor

By: [signature]

Recommended: WIEDEMAN AND SINGLETON, Engineers

By: Ellen M. Calloway

Approval of Change is Requested: CITY OF ATHENS, Owner

By: [signature]

Recommend Approval
John W. Gray, II
Project Engineer

Partners:
Wm. J. Greene, Jr.
John H. Wiedeman
T. W. Wiedeman

Associates:
G. C. Hornsby
C. Q. Nevitt
C. S. White
W. E. Williams

WIEDEMAN AND SINGLETON
ENGINEERS
1789 Peachtree Road, N.E. Atlanta, Georgia 30309
404: 876-5862

C. C. Burnett
Thomas Hallowes

December 21, 1977

City of Athens
203 Water Works Drive
Athens, Georgia 30601

Attention: Mr. William T. Cook

Re: Water Works Improvements
Division Two (WTP)
Athens, Georgia

Gentlemen:

We are forwarding herewith ten (10) copies of Change Order No. V covering adding a flap valve to the 12" drain line at the flocculation basin. This change is necessary to eliminate any chance of backflow in the basin and has been agreed to by the Contractor, Barge and Company, Inc., and is recommended by Wiedeman and Singleton. To this end, Change Order No. V has been executed by both Barge and Company, Inc. and Wiedeman and Singleton.

With acceptance by the City, we would request that approved copies of Change Order No. V be provided to Barge and Company, Inc. and to Wiedeman and Singleton for their files.

Very truly yours,

WIEDEMAN AND SINGLETON

Ellen M. Calloway

Ellen M. Calloway

EMC:yj

Enclosure

November 15, 1977

Mr. Alvin Barge
Barge and Company, Inc.
290 - 14th Street, N. W.
Atlanta, Georgia 30318

Re: Waterworks Improvements
Division Two (WTP) - Athens, Ga.

Dear Mr. Barge:

Enclosed is an approved copy of Change Order No. 4 for Division Two of our waterworks contract with you.

Sincerely,

William T. Cook, Jr.
Administrative Ass't. to Mayor

WTC:sm
cc: Wiedeman and Singleton - George Henry Mingledorff, III
Jack Gray
Johnny Fowler

November 15, 1977

Mr. Alvin Barge
Barge and Company, Inc.
[illegible]
Atlanta, Georgia 30318

Re: Waterworks Improvements
Division Two (WTP) - Athens, Ga.

[illegible]

Enclosed is an approved copy of Change Order No. 4 for Division Two of our waterworks contract with you.

Sincerely,

William T. Cook, Jr.
Administrative Ass't. to Mayor

WTC[illegible]
cc: Wiedeman and Singleton - George Henry Ingledorff, III
[illegible]
Johnny Fowler

ENVIRONMENTAL PROTECTION AGENCY
SOUTHEAST REGION

CONTRACT MODIFICATION

Change Order Request No. IV Project No. B-75-HN-13-0003

Date: October 14, 1977 Location: Athens, Georgia

Contract No. Division Two (WTP) Type: Water Works Improvements

Description of Change: Substitute pipe lever scales, dial on short side, for pipe lever scales, dial on long side.

Reason for Change: Necessary to obtain test and adjustment access required by scales manufacturer (Fairbanks).

Itemization of Proposed Change and Basis for Payment

Original Contract Amount		$3,619,250.00
Change Order No. I	+	8,202.00
Change Order No. II	+	9,798.00
Change Order No. III	+	4,828.00
Change Order No. IV		696.60
Total Changes	+	$ 23,524.60
Revised Contract Amount		$3,642,774.60

Additional funds are to be provided in the following manner: Project Contingency Fund

Extension of Contract Time Required: None Required

This Change is Acceptable: BARGE AND COMPANY, INC., Contractor

By: [signature]

Recommended: WIEDEMAN AND SINGLETON, Engineers

By: [signature]

Approval of Change is Requested: CITY OF ATHENS, GEORGIA, Owner

By: [signature]

Recommend Approval
John H. Graft II
Project Engineer

BARGE AND COMPANY, INC.
CONTRACTORS & ENGINEERS
290 14TH ST., N. W. TEL. 872-5893
ATLANTA, GEORGIA 30318

ALVIN BARGE, PRES.
JOE BAGGARLY, VICE PRES.
JOHN WAGENER, SEC. & TREAS.

October 10, 1977

Wiedeman & Singleton, Engineers
1789 Peachtree Road, NE
Atlanta, GA 30309

Attention: Mr. George Henry Mingledorff, III

Reference: Athens Water Treatment Plant

Gentlemen:

In answer to your letter of October 3, 1977, please be advised that we can offer the Fairbanks Model 21-2674-5 scale in lieu of the Model 21-2675-6 scale specified. This parallel dial scale will eliminate the test and adjust interference problems encountered with the specified scale. The scale dial will be located at the east end of the chlorine room parallel to the axis of the chlorine cylinders.

A change order in the amount of $696.60 will be required to accommodate this change. A breakdown of costs is as follows:

Model #21-2675-6 Scale	$5,896.40
Model #21-2674-5 Scale	6,502.14
Difference	$ 605.74
15% Gen. Cont. O. H. & P.	90.86
TOTAL	$ 696.60

Yours very truly,

BARGE AND COMPANY, INC.

John H. Wagener

JHW:knr

cc: Mr. Billy Travis

Partners:
Wm. J. Greene, Jr.
John H. Wiedeman
T. W. Wiedeman

Associates:
G. C. Hornsby
C. Q. Nevitt
C. S. White
W. E. Williams

WIEDEMAN AND SINGLETON
ENGINEERS
1789 Peachtree Road, N.E. Atlanta, Georgia 30309
404: 876-5862

C. C. Burnett
Thomas Hallowes

October 24, 1977

City of Athens
203 Water Works Drive
Athens, Georgia 30601

Attention: Mr. John H. Gray, II
Resident Engineer

Re: Water Works Improvements
Division Two (WTP)
Athens, Georgia

Gentlemen:

We are forwarding herewith ten (10) copies of Change Order NO. IV covering change in installation of the chlorine scales. This change is necessary to insure ease of maintenance of the scales, has been agreed to by the Contractor, Barge and Company, Inc., and is recommended by Wiedeman and Singleton. To this end, Change Order NO. IV has been executed by both Barge and Company, Inc. and Wiedeman and Singleton.

With acceptance by the City, we would request that approved copies of Change Order NO. IV be provided to Barge and Company, Inc. and to Wiedeman and Singleton for their files.

Very truly yours,

WIEDEMAN AND SINGLETON

George Henry Mingledorff III

George Henry Mingledorff, III

GHM-III:yj

Enclosure

Barge
Wiedeman
Jack
File

August 4, 1977

Mr. Alvin Barge
Barge and Company, Inc.
290 - 14th Street, N. W.
Atlanta, Georgia 30318

Re: Waterworks Improvements
Division II - Athens, Ga.

Dear Mr. Barge:

I am enclosing an approved copy of Change Order No. 3.

Sincerely,

William T. Cook, Jr.
Administrative Ass't. to Mayor

WTC:sm
cc: Wiedeman & Singleton
Buck Adams
Jack Gray

August 6, 1977

Mr. Alvin Barge
Barge and Company, Inc.
290 - 14th Street, N. W.
Atlanta, Georgia 30318

Re: [illegible]
Division II - Athens, Ga.

Dear Mr. Barge:

I am enclosing an approved copy of Change Order No. 3.

Sincerely,

William T. Cook, Jr.
[illegible]

WTC:sm
cc: Wiedeman & Singleton
Buck Adams
Jack Gray

DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
COMMUNITY DEVELOPMENT BLOCK GRANT

CONTRACT MODIFICATION

Change Order Request No. III Project No. B-75-HN-13-0003

Date: July 22, 1977 Location: Athens, Georgia

Contract No. Division Two Type: Water Works Improvements

Description of Change: Relocation of existing control lines between existing filter building and existing high service pump station.

Reason for Change: Existing location interferes with construction of new filter/post chemical building.

Itemization of Proposed Change and Basis for Payment

Original Contract Amount	$3,619,250.00
Change Order I (R. R. Crossings)	$ 8,202.00 (+)
Change Order II (Variable Speed Drives)	$ 9,798.00 (+)
Change Order III (Control Lines)	$ 4,828.00 (+)
Total Changes	$ 22,828.00 (+)
Revised Contract Amount	$3,642,078.00

Additional funds are to be provided in the following manner: Project Contingency Fund

Extension of Contract Time Required: None

This Change is Acceptable: BARGE AND COMPANY, INC., Contractor

By: John H. Wagener
John H. Wagener

Recommended: WIEDEMAN AND SINGLETON, Engineer

By: Billy R. Travis
Billy R. Travis

Approval of Change is Requested: CITY OF ATHENS, GEORGIA, Owner

By: [illegible]

Recommended For Payment
John H. Gray, II
Project Engineer

BARGE AND COMPANY, INC.
CONTRACTORS & ENGINEERS
290 14TH ST., N. W. TEL. 872-5893
ATLANTA, GEORGIA 30318

ALVIN BARGE, PRES.
JOE BAGGARLY, VICE PRES.
JOHN WAGENER, SEC. & TREAS.

July 14, 1977

Wiedeman & Singleton
1789 Peachtree Rd., NE
Atlanta, GA 30309

Attn: Mr. Billy R. Travis

Re: Athens Waterworks

Gentlemen:

We have attached a revised estimate for the pneumatic control line relocation at the filter building. This revised estimate is based on elimination of the class "C" concrete around the control line conduit, and relocating the new conduit at the existing filter building to a point closest to the manhole. If this work is desired, please issue a change order in the amount of $4,828.

Yours very truly,

BARGE AND COMPANY, INC.

John H. Wagener

JHW:knr

Enclosure

BARGE AND COMPANY, INC.

JOB NO.

PAGE NO. 1 OF 1

JOB NAME ATHENS WATER TREATMENT PLANT

JOB LOCATION CONTROL LINE RELOCATION (REV.)

ESTIMATE SUMMARY

CODE NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	ESTIMATED SUB-CONTRACT COST	LABOR ESTIMATED UNIT COST	LABOR ESTIMATED TOTAL COST	MATERIAL ESTIMATED UNIT COST	MATERIAL ESTIMATED TOTAL COST	ESTIMATED TOTAL COST	LINE NO.
1	2	3	4	5	6	7	8	9	
	LAYOUT				70.		25.	95.	1
	EXC. FOR CONTROL LINE	56 C.Y.	112.	2.00 3.00	168.		—	280.	2
	2" CONTROL LINE	376 L.F.		.90	338.	1.30	489.	827.	3
	FITTINGS FOR ABOVE	L.S.			35.		25.	60.	4
	POLY-FLOW TUBES	2000 L.F. 1504 L.F.		.06	90.	.05	100.	190.	5
	COPPER TUBE	376 L.F.		.05	19.		204.	223.	6
	MANHOLE	1 EA.	450.		—		—	450.	7
	HANDHOLE	1 EA.	400.		—		—	400.	8
	GROUT	L.S.			35.		50.	85.	9
	BREAK OUT EXIST. WALL	L.S.	250.		—		—	250.	10
	SET UP TO PRE-DRILL				—		—	—	11
	& REMOVE ROCK @				—		—	—	12
	PIPE CROSSINGS				600.		—	600.	13
	BACKFILL	55 C.Y.	110.	2.00 5.00	275.		—	385.	14
			1322.		1,630.		893.	3,345	15
	TAX, INSUR. & FRINGE				326.		27.	353.	16
			1322.		1,956.		920	4,198.	17
	15% O.H. & P.							630.	18
									19
						TOTAL		4,828.	20
									21
									22
									23
									24
									25
									26
									27
									28
									29
									30
									31
									32
									33

June 7, 1977

Mr. Alvin Barge
Barge and Company, Inc.
290 - 14th Street, N. W.
Atlanta, Georgia 30318

Dear Mr. Barge:

I am enclosing an approved copy of Change Order No. 2 for contract for Waterworks Improvements, Division II.

Sincerely,

William T. Cook, Jr.
Administrative Ass't. to Mayor

WTC:sm
Encl.
cc: Mr. George Henry Mingledorff, III

June 7, 1977

Mr. Alvin Barge
Barge and Company, Inc.
290 - 14th Street, N. W.
Atlanta, Georgia 30318

Dear Mr. Barge:

I am enclosing an approved copy of Change Order No. 2 for contract for Waterworks Improvements, Division II.

Sincerely,

William T. Cook, Jr.
Administrative Ass't. to Mayor

WTC:am
Encl.
cc: Mr. George Henry Mingledorff, III

DEPARTMENT OF
HOUSING AND URBAN DEVELOPMENT

CONTRACT MODIFICATION

Change Order Request No. II Project No. Community Development Block Grant B-75-HN-13-0003

Date: May 25, 1977 Location: Athens, Georgia

Contract No. Division Two Type: Water Works Improvements

Description of Change: Change constant speed drives of flocculation equipment to variable speed drives.

Reason for Change: Provide for more flexible operation of flocculation equipment and water treatment plant.

Itemization of Proposed Change and Basis for Payment

Original Contract Amount	$3,619,250.00
Change Order I (R.R. Crossings)	8,202.00
Change Order II (Variable Speed Drives)	9,798.00
Revised Contract Amount	$3,637,250.00

Additional funds are to be provided in the following manner: Project Contingency Fund

Extension of Contract Time Required: None

This Change is Acceptable: Barge and Company, Inc., Contractor

By: [signature]

Recommended: Wiedeman and Singleton, Engineers

By: [signature]

Approval of Change is Requested: City of Athens, Georgia, Owner

By: [signature]

BARGE AND COMPANY, INC.
CONTRACTORS & ENGINEERS
290 14TH ST., N. W. TEL. 872-5893
ATLANTA, GEORGIA 30318

ALVIN BARGE, PRES.
JOE BAGGARLY, VICE PRES.
JOHN WAGENER, SEC. & TREAS.

May 16, 1977

Wiedeman & Singleton, Engineers
1789 Peachtree Rd., N. E.
Atlanta, Georgia 30309

Attn: Mr. Billy Travis

Re: Athens Waterworks Improvements

Gentlemen:

We have attached a proposal from Dorr-Oliver Company for substituting Reeves Vari-drives for the Falk Corp. drives on the flocculator units.

Also enclosed please find cuts on the Reeves units. If this substitution is desired, please add fifteen percent general contractor fee to the Dorr-Oliver proposal and issue a change order in the amount of $9,798.00.

Yours very truly,

BARGE AND COMPANY, INC.

John H. Wagener

John H. Wagener

JHW:ss

enclosure

DORR-OLIVER INCORPORATED

47 PERIMETER CENTER EAST, N.E.
ATLANTA, GEORGIA 30346
AREA 404-394-6200

May 13, 1977

Barge & Company, Inc.
290 14th Street N.W.
Atlanta, Georgia 30318

Attention: Mr. John Wagener

Re: Athens, Georgia
D-O #81084
Water Treatment Plant

Gentlemen:

In accordance with our recent discussions concerning the vari-drives at subject job, we ask that you refer to our Formal Proposal of December 2, 1976.

For the deletion of the Flocculator drives in that Formal Proposal, and for the furnishing of Reeves Vari-Drives for same, we authorize you to increase the price in our Formal Proposal by $710 for each drive, or a total of $8,520.

We enclose cuts of the Reeves mechanism. In the absence of a firm order, we have done no actual detailed engineering, but we have ascertained that the drive will be practically identical (except for modernization) with the drives furnished by Dorr-Oliver to Athens on our previous order no. 43023. On that order, the Flocculator shaft was designed for a minimum of 1.19 rpm and a maximum of 3.58 rpm; with this vari-drive we cannot go any lower.

Please give this matter your immediate attention as U. S. Steel has just raised prices by 6%, and we would guess that the equipment industry will not be far behind.

Very truly yours,

DORR-OLIVER INCORPORATED

B. F. Rockecharlie

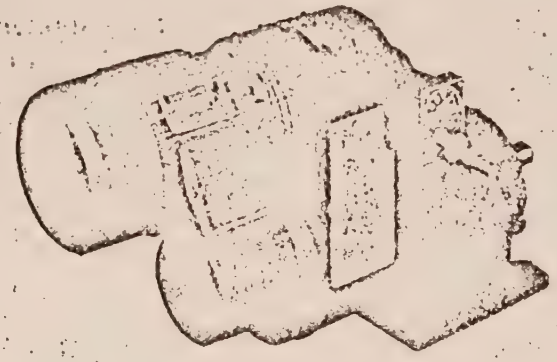
B. F. Rockecharlie
Resident Manager
Southern Region
Environmental Sales

BFR:kh
Enclosures: Reeves, page G-1
and page G-2

INTERNATIONAL HEADQUARTERS:
STAMFORD, CONNECTICUT 06904, U. S. A.
CABLE: DORROLIVER STAMFORD

REEVES VARI-SPEED MOTODRIVE

Combines Mechanical Muscle With Control Brains



Completely Self-Contained
Motodrive combines a variable-speed beltcase, motor and gear reducer in a matched, combination, completely backed by a single source. There are no tricky alignment problems; no guessing at compatibility. And the parallel shaft Reeves Vari-Speed Motodrive is rated at the output shaft, giving you all the power you pay for, all the time.

Low-Cost Variable Speed
Mechanical dependability saves you equipment dollars, not only through low initial cost, but through low-cost components that are readily available and quickly replaced if ever necessary. Operating cost is low, too, since the Reeves Vari-Speed Motodrive is as practical, and dependable, as an a-c motor.

Simple, Fast Maintenance
Just give it occasional lubrication. It's that simple, that sensible.

The cast-iron enclosure is corrosion resistant. And in "Easy Clean" and "Super Cannery" enclosures, the Reeves Vari-Speed Motodrive is cleaned in place the same way as the machine it powers.

Proven Dependable Design
The classic combination of drive motor, variable speed beltcase and gear reducer takes on new meaning in the Reeves Vari-Speed Motodrive. And you can measure the meaning in performance that turns your production machines into profit-makers, year after year, without problems of drive obsolescence.

Helps You Meet OSHA Standards
Reeves Motodrive is one of the lowest noise level drives available, easily meeting OSHA noise standards.* Completely self-contained construction means no guards or enclosures are needed for components.

Permanently sealed steel enclosure spring cartridge contains spring assemblies on driven variable speed disc assembly for safer field maintenance.

Redesigned tachometer assembly provides a completely enclosed drive mechanism with no radial projections. This also means safer field operation and maintenance handling.

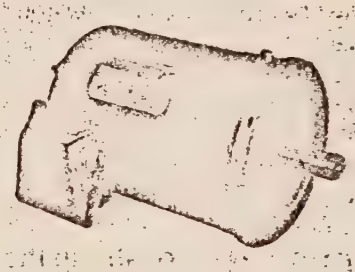
Unequaled Experience
Over 85 years of mechanical drive experience backs each Vari-Speed Motodrive. That's a long time to be leading the variable speed drive industry in the application of drive products on all types of machinery and all kinds of processes. But Reeves has done it, and will continue to advance the technology of mechanical variable speed through products such as the Reeves Vari-Speed Motodrive.

*Acoustic performance normally is measured in sound pressure levels at specified distances. Typical Motodrive sound pressure levels at a distance of three feet do not exceed OSHA standards for eight hour exposure per day.

The Reeves Vari-Speed Motodrive has its roots in traditional quality, but incorporates the materials and technology demanded by today's automated manufacturing machinery. The result is more power, more flexibility, more useful life for every penny you invest in dependable mechanical variable speed.

Performance-matched Duty Master A-C Motors . . . quiet ventilation system for long life. There are also TEFC and XT extra tough corro-

sion-proof and explosion-proof enclosures available for hazardous locations. Should motor replacement every be neccessary, the C-face mounting makes it fast and easy without alignment problems.

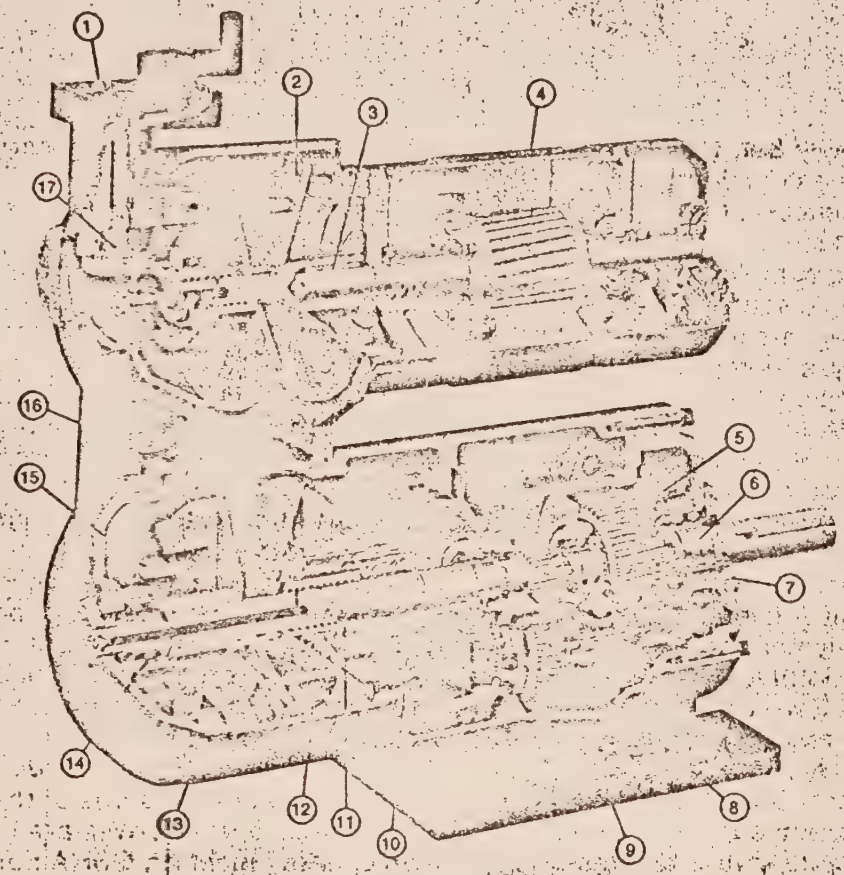


Brawny Belt and Discs . . . are matched in materials and design for greater life and less power loss, even under tough punishment. On most sizes the discs themselves are electron-beam welded steel, which is a perfect match for the

heavy-duty tensile cord construction of the belt.

Reducers . . . offer a variety of gear ratios from 1.23:1 to 336:1, and both horizontal and vertical output shafts. On vertical shaft-down applications, exclusive Dri-Seal construction prevents oil leakage. Speed is reduced either through right-angle worm or single, double or triple stage helical gearing that's quiet and efficient. A low oil level gives full splash lubrication without foaming. Lip type oil seals are standard equipment on both input

and output shafts to retain oil while they keep out foreign matter. Reducer output shafts have a high overhung load capacity for using small diameter take-off drives.



A FULL HOUSE OF FEATURES

1. New Twistop control on many sizes with breakover clutch prevents damage to the handwheel and internal drive components.
2. New Electron-Beam Welded Steel Discs on many sizes retain their smooth surfaces and match the durability of the heavy-duty belt. Operation is inherently vibration free.
3. Chrome Plated Disc Hubs and Shafts provide smooth, hard surfaces for easy shifting and long life.
4. Duty Master A-C Drive Motors offer a wide selection of electrical and mechanical modifications tailored to you exact specifications.
5. Quiet, Helical or Right-Angle Gearing keeps torque high and friction loss low.
6. Rugged Tapered Roller or Double Row Ball Bearings take high overhung and thrust loads.
7. Lip-type Oil Seals to block out dirt and keep in oil.
8. Efficient Splash Lubrication keeps internal parts washed with oil.
9. Integrally Cast Feet give solid support, rigid alignment.
10. Self-Contained Spring Cartridge Assembly holds the calibrated spring to prevent spring "escape" and possible injury during disassembly.
11. Exclusive Close-Grooving Lubrication prevents sticking discs and fretting corrosion, and also permits relubrication for periodic purging of airborne contaminants.
12. The Variable Speed Belts owe their strength and long life to a heavy-duty tensile cord construction and improved compounding of body materials. The belt is also static conducting.
13. Cast-Iron Beltcase fights corrosion and gives rigid, lasting alignment of internal components and the input and output shafts.
14. Double-Shielded Ball and Tapered Roller Bearings ride in precision bored, high quality castings for accurate alignment of shafts, disc assemblies, and gears.
15. Low Velocity Ventilation throughout the drive is designed for efficient air flow that cools quietly and thoroughly.
16. Smooth Finless Design eliminates grooves and crevices that can catch dirt and complicate cleaning.
17. Positive Speed Stops are adjustable at both high and low speeds for accurate range setting. Smooth cam or screw shifting makes infinitely variable speed changes practically effortless.

Partners:
Wm. J. Greene, Jr.
John H. Wiedeman
T. W. Wiedeman

Associates:
G. C. Hornsby
C. Q. Nevitt
C. S. White
W. E. Williams

WIEDEMAN AND SINGLETON
ENGINEERS
1789 Peachtree Road, N.E. Atlanta, Georgia 30309
404: 876-5862

C. C. Burnett
Thomas Hallowes

June 2, 1977

Mr. William T. Cook, Jr.
Administrative Assistant
City of Athens
City Hall
Athens, Georgia 30601

Re: Water Works Improvements
Division Two (WTP)
Athens, Georgia

Dear Mr. Cook:

We are forwarding herewith eight (8) copies of Change Order No. II covering the change from constant speed drives to variable speed drives for the flocculation equipment being installed as a part of the referenced project. These variable speed drives should provide the flexibility you desire in the operation of the water plant.

Following approval by the City of Athens and execution by Mayor Bentley, three (3) copies of this Change Order No. II should be filed with HUD. We would request that copies of the completed Change Order No. II be transmitted to Barge and Company, Inc. and to Wiedeman and Singleton for their files.

Very truly yours,

WIEDEMAN AND SINGLETON

George Henry Mingledorff, III

George Henry Mingledorff, III

GHM-III:yj

Enclosure

April 14, 1977

Mr. Alvin Barge
Barge and Company, Inc.
290 - 14th Street, N. W.
Atlanta, Georgia 30318

Re: Waterworks Improvements
Division II - Athens, Ga.

Dear Mr. Barge:

I am enclosing a copy of Change Order No. 1 covering changes to railroad/pipe crossings required by the Southern Railway System.

Sincerely,

William T. Cook, Jr.
Administrative Ass't. to Mayor

WTC:sm
cc: Messrs. Buck Adams w/1 cy Change Order
Jack Gray w/2 cys Change Order
Wiedeman and Singleton w/1 cy Change Order

Mr. Alvin Barge
Barge and Company, Inc.
290 - 14th Street, N. W.
Atlanta, Georgia 30318

Re: Waterworks Improvements
Division II - Athens, Ga.

Dear Mr. Barge:

I am enclosing a copy of Change Order No. 1 covering changes to railroad/pipe crossings required by the Southern Railway System.

Sincerely,

William T. Cook, Jr.
Administrative Ass't. to Mayor

ATC:
cc: Messrs. Buck Adams w/1 cy Change Order
Jack Gray w/2 cys Change Order
Wiedeman and Singleton w/1 cy Change Order

City

HOUSING AND URBAN DEVELOPMENT

CONTRACT MODIFICATION

Change Order Request No. 1 Project No. B-75-HN-13-0003

Date: March 23, 1977 Location: Athens, Ga., Water Treatment Plant

Contract No. Division Two Type: Water Works Improvements

Description of Change: (1) 46 L.F. of 54" casing from 14 Ga. C.M. to 1/2" welded steel; (2) 40 L.F. of 30" casing from 16 Ga. C.M. to 14 Ga. C.M.; (3) 40 L.F. of 48" casing from 16 Ga. C.M. to 14 Ga. C.M.; (4) 2 x 40 L.F. of 72" casing from 10 Ga. C.M. to 8 Ga. C.M.

Reason for Change: All of above required by Southern Railway System before granting formal approval to cross railroad.

Itemization of Proposed Change and Basis for Payment

Original Contract Amount		$3,619,250.00
Change Order No. 1		
(1) 54" Casing:	Net Increase of	$ 7,000.00
(2) 30" Casing:	Net Increase of	85.00
(3) 48" Casing:	Net Increase of	134.00
(4) 72" Casing:	Net Increase of	983.00
Total	Net Increase of	$ 8,202.00
Revised Contract Amount		$3,627,452.00

Additional funds are to be provided in the following manner: Project Contengency Fund

Extension of Contract Time Required: None Required

This Change is Acceptable: Barge and Company, Inc., Contractor

By: John H. Wagener
John H. Wagener

Recommended: Wiedeman and Singleton, Engineers

By: Billy R. Travis
Billy R. Travis

Approval of Change is Requested: City of Athens, Georgia, Owner

By: U C Bentley
Upshaw C. Bentley, Jr., Mayor

BARGE AND COMPANY, INC.
CONTRACTORS & ENGINEERS
290 14TH ST., N. W. TEL. 872-5893
ATLANTA, GEORGIA 30318

ALVIN BARGE, PRES.
JOE BAGGARLY, VICE PRES.
JOHN WAGENER, SEC. & TREAS.

March 15, 1977

Wiedeman & Singleton, Engineers
1789 Peachtree Road, N. E.
Atlanta, Georgia 30309

Attn: Mr. George Henry Mingledorff, III

Re: Athens Water Treatment Plant
Division Two

Gentlemen:

We have attached an estimate for changes to the five railroad crossings, as requested in your letter of January 27, 1977.

If this proposal is acceptable please prepare a change order in the amount of $8,202.00 as soon as possible so that the ½" welded steel pipe may be placed on order.

Yours very truly,

BARGE AND COMPANY, INC.

John H. Wagener

JHW:ss

BARGE AND COMPANY, INC.

JOB NO.

JOB NAME ATHENS - WATER T. PLANT

JOB LOCATION

PAGE NO. 1 OF 1

ESTIMATE SUMMARY

CODE NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	ESTIMATED SUB-CONTRACT COST	LABOR ESTIMATED UNIT COST	LABOR ESTIMATED TOTAL COST	MATERIAL ESTIMATED UNIT COST	MATERIAL ESTIMATED TOTAL COST	ESTIMATED TOTAL COST	LINE NO.
1	2	3	4	5	6	7	8	9	
	TUNNEL CHANGES								1
	@ R.R. CROSSING:								2
									3
	30" PIPE - DEDUCT 16 GA.	40 L.F			—	8.50	(340.)	(340.)	4
	- ADD 14 GA	40 L.F			—	10.30	412.	412.	5
	48" PIPE - DEDUCT 16 GA.	40 L.F.			—	14.30	(572.)	(572.)	6
	- ADD 14 GA.	40 L.F.			—	17.13	685.	685.	7
	72" PIPE - DEDUCT 10 GA.	80 L.F			—	41.30	(3,304.)	(3,304.)	8
	- ADD 8 GA.	80 L.F.			—	51.68	4134.	4,134.	9
	54" PIPE - DEDUCT 14 GA	46 L.F.			—	21.30	(980.)	(980.)	10
	- ADD ½" STEEL	46 L.F.			—	113.65	5,228.	5,228.	11
	BEVEL STEEL PIPE FOR WELD	L.S.			100.		—	100.	12
	BUTT WELD - ½ JOINT	L.S.	600.		—		—	600.	13
	CRANE RENTAL TO HANDLE				—		—	—	14
	HEAVIER PIPE (50 TON)	16 HRS.			—	60.00	960.	960.	15
									16
			600		100.		6,223.	6,923	17
	22% TAXES, FRINGE, ETC.				22.			22.	18
	3% GA SALES TAX.						187	187.	19
									20
	TOTAL		600		122.		6,410.	7,132.	21
	15% GENERAL CONTRACTOR O.H.&P							1,070.	22
									23
	TOTAL							8,202.	24
									25
									26
									27
									28
									29
									30
									31
									32
									33

JOHN H. GRAY, II
Project Engineer

CITY OF ATHENS

Office Of Resident Project Engineer

April 8, 1977

MEMO TO: Billy Cook

MEMO FROM: John H. Gray II

Subject: Change Order # 1
Water Works Improvements
Division II - Barge and Company, Inc.

Attached are seven copies of the subject change order. I concur with the recommendation for approval for approval, as indicated, by Wiedeman and Singleton Engineers.

JHG/sk

203 WATER WORKS DR. ATHENS, GEORGIA 30601 TEL. (404) 353-1477

Partners:
Wm. J. Greene, Jr.
John H. Wiedeman
T. W. Wiedeman

Associates:
G. C. Hornsby
C. Q. Nevitt
C. S. White
W. E. Williams

WIEDEMAN AND SINGLETON

ENGINEERS
1789 Peachtree Road, N.E. Atlanta, Georgia 30309
404: 876-5862

C. C. Burnett
Thomas Hallowes

April 1, 1977

Mr. William T. Cook, Jr.
Administrative Assistant
City of Athens
City Hall
Athens, Georgia 30601

Re: Water Works Improvements
Division Two (WTP)
Athens, Georgia

Dear Mr. Cook:

We are forwarding herewith eight (8) copies of Change Order No. 1, covering changes to railroad/pipe crossings required by the Southern Railway System, approved by Barge and Company, Inc. and recommended by Wiedeman and Singleton. We have verified that the costs indicated for the work, materials, and equipment are in line with those currently available and recommend their acceptance.

Following approval by the City of Athens and execution by Mayor Bentley, three (3) copies of this Change Order No. 1 should be filed with HUD. We would request that copies of the completed Change Order No. 1 be transmitted to Barge and Company, Inc. and to Wiedeman and Singleton for their files.

Very truly yours,

WIEDEMAN AND SINGLETON

Billy R. Travis

Billy R. Travis

BRT:yj

Enclosures

Partners:
Wm. J. Greene, Jr.
John H. Wiedeman
T. W. Wiedeman

Associates:
G. C. Hornsby
C. Q. Nevitt
C. S. White
W. E. Williams

WIEDEMAN AND SINGLETON
ENGINEERS
1789 Peachtree Road, N.E. Atlanta, Georgia 30309
404: 876-5862

C. C. Burnett
Thomas Hallowes

June 2, 1977

Mr. William T. Cook, Jr.
Administrative Assistant
City of Athens
City Hall
Athens, Georgia 30601

Re: Water Works Improvements
Division Two (WTP)
Athens, Georgia

Dear Mr. Cook:

We are forwarding herewith Certification of Insurance maintained by Barge and Company, Inc. for the referenced project.

Very truly yours,

WIEDEMAN AND SINGLETON

George Henry Mingledorff, III

GHM-III:yj
Enclosure
cc: Mr. Ben Williams
Mr. John H. Gray, II
Mr. Paul M. Tompkins
Barge and Company, Inc.

SAYRE & TOSO, Inc.

VERIFICATION OF INSURANCE

TO: CITY OF ATHENS, GEORGIA
WATER WORKS IMPROVEMENT

We, the undersigned, hereby verify that the following described insurance is in force at this date, of which

_____ % is insured with Underwriters at Lloyd's, London

_____ % is insured with Certain Insurance Companies, London, England

100 % is insured with MISSION INSURANCE COMPANY

Name of Assured: BARGE & CO., ETAL

Address of Assured: ATLANTA, GEORGIA

Location of Risk: SAME AS ABOVE

Kind of Insurance: UMBRELLA LIABILITY

Policy or Certificate No: M831300

Period: From: May 1, 1977 To: May 1, 1978

Limits of Liability: $ 5,000,000

City of Athens included as Additional Named Insured.

This document is furnished to you as a matter of information only. The issuance of this document does not make the person or organization to whom it is issued an additional assured, nor does it modify in any manner the contract of insurance between the Assured and the Underwriters. Any amendment, change or extension of such contract can only be effected by specific endorsement attached thereto.

For particulars concerning the limitations, conditions and terms of the coverage you are referred to the original Policy or Policies in the possession of the Assured.

The undersigned will have no responsibility to give notice of cancellation of this insurance except to the extent specifically provided herein, nor are we Insurers, however Insurance has been placed by Sayre & Toso, Inc.

SAYRE & TOSO, INC.

Dated at Atlanta, Georgia, May 20, 1977 19 ___.

By _____
JOHNSON & HIGGINS OF GEORGIA, INC.

S&T 524-D (rev. 10/74. Replaces all editions of S&T 524)

JOHN H. GRAY, II
Project Engineer

CITY OF ATHENS

Office Of Resident Project Engineer

July 18, 1977

Mr. S. R. Hawkins
Superintendent
Southern Railway System
Transportation Department
Greenville, South Carolina 29601

SUBJECT: Contractor's Insurance Certificate
City of Athens, Georgia
Water Filter Plant Expansion
DHUD Project B-75-HN-13-0003

Dear Mr. Hawkins:

Attached is a CERTIFICATE OF INSURANCE from Barge and Company, Inc. of Atlanta, Georgia, the contractor on subject project, covering the Southern Railway. This insurance is issued in connection with the license issued by your office previously, for the installation of five casings beneath the spur track serving Macon Ave., Barber Street and the Oneta Street areas. The actual policy will be sent direct to your office from the contractor's carrier.

I have notified Mr. C. N. Parrish as well as the local agent Mr. Langford of our intent to install the first casing, hopefully, July 20, 1977.

Should you desire any further information, please advise.

Very truly yours,

John H. Gray II
Project Engineer

JHG/sk
cc:
Mr. Billy Cook
Mr. John Wagener
Mr. Billy Travis

203 WATER WORKS DR. ATHENS, GEORGIA 30601 TEL. (404) 353-1477

CERTIFICATE OF INSURANCE
EMPLOYERS INSURANCE OF WAUSAU

This is to certify that the insurance policies (described below by a policy number) written on forms in use by the company have been issued. This certificate is not a policy or a binder of insurance and does not in any way alter, amend or extend the coverage afforded by any policy referred to herein.

( ) **This certificate renews or replaces the certificate previously issued**

Name and address of Insured

Barge & Company, Alvin Barge, A. C.
Crockett, Jr. & O. J. Baggarly, Jr.
Partners and Barge & Company, Inc.
290 Fourteenth Street, N.W.
Atlanta, Georgia 30318

Kind of Coverage	†	Expiration Date	Policy Number	Limits of Liability				
				Bodily Injury			Property Damage	
				Each Person	Each Occurrence	Aggregate	Each Occurrence	Aggregate
Workmen's Compensation*	1	5-1-78	1418-00-040863					
Comprehensive (1)** General Liability	1	5-1-78	1428-18-040863		300,000	300,000	100,000	100,000
Manufacturers' and Contractors' Liability								
Owners', Landlords' and Tenants' Liability								
Contractual Liability**								
Automobile (X) Owned	1	5-1-78	1428-18-040863	500,000	1,000,000		500,000	
(X) Hired and Nonowned								
Owners' & Contractors' Protective		7-19-78	1428-30-040863	$ 1,000,000 combined single limit				

(1) Products-Completed Operations: ☒ Included ☐ Excluded

† The entry of a number in this column means that the coverage is afforded by the company designated by the same number.

* Unless otherwise indicated, this policy affords full coverage under the Workmen's Compensation laws of all states (except states where coverage can be provided only by State Funds, and Canada) and as designated in the policy and endorsements for Coverage B—Employers' Liability.

** Contractual coverage afforded applies to: ( ) contracts designated in contractual coverage part; (X) all written contracts.

Special Provisions:

Owners' & Contractors' Protective Liability Policy is in the process of being issued. Named Insured Is Southern Railway Company.

Description of Automobile, or,
Locations covered by policies listed in this certificate:

Not withstanding any requirement, term or condition of any contract or other document with respect to which this certificate may be issued or may pertain, the insurance afforded by the policy (policies) described above is subject to all of the terms, exclusions and conditions of such policy (policies) during the term(s) thereof.

Issued to:

Southern Railway Company

Issued by: (XX) (1.) Employers Mutual Liability Insurance Company of Wisconsin
( ) (2.) Illinois Employers Insurance of Wausau

Date Issued: 7-15-77 Place Atlanta, Georgia

Signed R. M L Darrison Rep.
Authorized Company Representative

M15-5736

1-76

ADDENDUM NO. ONE - DATED NOVEMBER 12, 1976

TO

CONTRACT DOCUMENTS AND CONSTRUCTION SPECIFICATIONS

FOR CONSTRUCTING

WATER WORKS IMPROVEMENTS

FOR

THE CITY OF ATHENS, GEORGIA

DIVISION ONE AND TWO

Bids received until 2:00 P.M., Local Time, December 2, 1976.

PLANS AND SPECIFICATION ISSUED FOR THIS PROJECT ARE HEREBY AMENDED IN ACCORDANCE WITH ADDENDA GIVEN IN THE FOLLOWING. ALL PROPOSALS WILL BE SUBJECT TO THE PROVISIONS OF THESE ADDENDA. ALL BIDDERS SHALL ATTACH THIS ADDENDUM TO PROPOSAL.

SPECIFICATIONS

Advertisement for Bids Page A-2	Minimum wage rate schedule accompanies this addendum.
Instructions to Bidders Page 1B-1 Paragraph 4	Add the following: "A report of subsurface investigation of the underlying soils at the jobsite is available, and may be examined by the Bidder at the City Hall, Athens, Georgia and at the Engineer's office. Copies of the report are available from the office of the Engineers, at a cost of $5.00 per copy which represents reproduction cost. No refund will be made on the Soils Report. The information as to the said sub-surface investigation shown on the plans or contained in the report is offered as information only. Neither the Owner nor the Engineer will be responsible for sub-surface conditions found to be otherwise."
General Conditions	The following accompanies this addendum: 1. Equal Employment Opportunity, 2. Exhibit 1, 3. Section F, Supplemental General Conditions.

Section No. 1
Page 1-3
Paragraph 1.10(b)

Change to read as follows:

(b) Division Two: The water treatment facilities must remain in service during the progress of construction. The work shall be scheduled to include the following general sequence:

(1) Construct 36" and 30" D.I. high service line from limit Division Two (H + 00 and 10 + 18) to existing 30", including 6" connection and 6" G.V. Plug gate valve and strap to 36" line to allow high service line to be put into service. Contractor for Division One shall test this portion of line and Contractor for Division Two shall repair all leaks.

(2) Relocate high service and raw water lines in the vicinity of the filter building.

(3) Make connection to existing 30" raw water line during off-production period and return line to service as soon as possible. Plant shall be fed by the two 20-inch lines while the connection is being made.

(4) Proceed with all blasting in the chemical building area during off peak production periods in spring and winter.

(5) New raw water flash mixer, settling basins and piping to existing filters shall be in service prior to commencing work on the existing settling basins.

(6) Disconnect and salvage temporary 20-inch raw water line during an off peak period after new line through post chemical building is in service.

Section No. 7
Page 7-1
Paragraph 7.04

Change to read:

"Ductile Iron Pipe: Ductile iron pipe shall conform to Federal Specification WW-P-421c as to general requirements, materials, workmanship and tests, and in accordance with the requirements of AWWA Specification C151-76. Ductile iron pipe 3" through 12" in diameter shall have a 1/8" cement lining, 14" through 24" shall have a 3/16" cement lining, 30" through 48" shall have a 1/4" cement lining and all linings shall have a bituminous seal coat. Piping that is not to be painted shall be coated on the exterior with an approved coal tar coating. Piping to be painted shall not be coated

on the exterior, but shall be thoroughly cleaned of all dirt, rust, scale, etc., by sandblasting and shall be painted as specified under the section "Painting". Ductile iron shall be 60-42-10 metal in accordance with ASTM A536-72. Pipe and fittings shall be of ductile iron with ASA standard Class 150 mechanical joints with ductile glands and high strength bolts, bell and spigot, Class 125 ASA flanged as indicated on the drawings and/or as necessary for the use intended. All flanges shall be flat faced. No pipe will be accepted which is less than standard weight by more than 4%. Class designations shall be cast on the pipe and fittings and weights of metal alone shall be painted on the outside. Class designation shall be as follows:

Nominal Diameter In Inches	Class Designation
8	Class 50
10	Class 50
12	Class 50
14	Class 50
16	Class 50
18	Class 50
20	Class 50
24	Class 51
30	Class 51
36	Class 52
42	Class 52
48	Class 52

(a) Lining. The interior lining for cast ductile iron pipe and fittings shall be spun cement mortar in accordance with AWWA C-104 of latest revision.

(b) Outside Coating. The outside coating for cast ductile iron pipe and fittings shall be a bituminous coating of either coal-tar or asphalt base approximately one mil thick.

(c) Marking Pipe. The weight, class and casting period shall be shown on each pipe. The manufacturer's mark, the year produced and the letter DI shall be cast or stamped on each pipe. All marks shall be clean and legible and all cast marks shall be near the bell.

(d) Certification. The manufacturer of ductile iron pipe shall furnish the Engineer and Owner with certification that the inspection and specified tests have been made and that the results thereof comply with the requirements of ASA A21.51-1976.

(e) Fittings: Fittings for cast ductile iron pipe shall be cement-lined ductile iron. Ductile iron fittings shall meet the requirements of the American Water Works Association Standard C 100-55 of latest revision except as otherwise specified herein.

(f) Outlet Saddles: Outlet or tapping saddles furnished where shown on the Drawings shall be ductile iron 60-45-10 or 80-60-03, furnished with corrosion resistant alloy steel straps meeting the requirements for bolts and nuts in AWWA C111-64. All outlet saddles shall be installed and the pipe tapped prior to shipment by the manufacturer. Outlets may be factory installed by other methods approved by the Engineer.

(g) Cutting Pipe: Ductile iron pipe shall be cut to length by the manufacturer in accordance with his approved schedule. Pipe cuts shall be made only with an approved saw or lathe cutter. The manufacturer may make arrangements with the Contractor for the installation of pipe to make cuts or install saddles or taps in the field at no cost to the Owner."

Section No. 7
Page 7-6
Paragraph 7.11

Change last sentence to read as follows:

"All chlorine gas valves and all automatic control valves shall be furnished by the chemical feed equipment manufacturer. All manual valves both for chemicals and water shall be furnished by the Contractor."

Page 7-14

Add the following paragraph:

7.26 Steel Pipe: The Contractor shall furnish and install the temporary 20" steel raw water line as indicated on the drawings and/or as specified.

(a) Thickness: Steel pipe thickness shall be 0.250 (in), ASTM 283, Grade B.

(b) Joints: All joints shall be field wielded.

(c) Coating: All pipe and fittings shall be primed with Koppers 621 Primer on all exterior and interior surfaces.

Section No. 7
Page 7-14

Add the following paragraph:

7.27 Sluice Gates:

(a) Cast Gates: Gates, lifts, stems and accessories shall be of the size, type, material, and construction shown on the Drawings and specified herein. They shall be Light Duty

Sluice Gates. Minor deviations from these Specifications to accommodate similar makes of equivalent quality will be allowed at the discretion of the Engineer. All component parts shall be of the type material shown in the Materials sub-paragraph of this paragraph.

(1) Gate frame and guides shall be cast in one piece or separately. The back of frame shall be machined to a plane and drilled to mate the thimble bolts. Guides cast as an integral part of the frame, shall be sufficiently long to retain not less than one-half of the vertical height of the slide when it is in the full OPEN position. Guides shall be capable of safely withstanding the full thrust due to water pressure and wedging action. Guide grooves shall be accurately machined to provide free movement of the slide torques, and to insure proper engagement of the wedging devices. Pads shall be cast on the frame, and shall be machined and drilled for mounting of wedging devices. Guides cast separately from frame shall be attached to the frame with stainless steel studs and nuts and shall be dowelled to prevent any relative motion between the guides and the frame.

(2) Gate slide shall be cast in one piece and have vertical and horizontal ribs, pads for attaching wedging devices, a stem block pocket, and a reinforced section around the perimeter to provide for mounting of the seating faces. The casting shall be of ample section to safely withstand the maximum head specified. A stem block shall be provided to attach the gate slide to the stem. It shall be threaded and shall have a means of locking it to the rising stem after it is installed. Pads for mounting wedging devices shall be machined and drilled. A groove shall be cut in each pad to receive the mounting torque on the slide wedge.

(3) A full-width dovetail slot shall be machined around the waterway opening of the frame and along the frame guide extensions to a height equal to not less than one-half of the vertical gate opening. The perimeter of the slide shall be machined with the same dovetail slot. Corrosion-resistant, full width, dovetail faces shall be securely mounted and held in position without the use of screws and other fasteners. Seating faces shall be machined to a plane having a finish of not less than 63 micro-inches. With the slide in the fully closed and wedged position in the frame, the clearance between faces shall not exceed 0.004 inch.

(4) Each gate shall have sufficient wedging devices to provide a practical degree of watertightness. Wedging devices shall be designed to wedge the seating faces of the slide against those on the frame when the gate is fully closed. Wedging devices shall be adjustable, and be provided with positive means of locking. Individual parts of each wedging shall be removable and replaceable without complete dis-assembly of the gate of guide. All gates shall be equipped with side wedging devices. Side wedges shall be keyed and attached to the slide with corrosion-resistant fasteners. Each side wedge shall be provided with a corrosion-resistant wedging contact face, and be attached to the frame with two corrosion-resistant fasteners. Gates subjected to unseating heads greater than 10 feet and with a waterway opening width of 24 inches or more shall be furnished with top and bottom wedging devices. Each wedge shall be attached to the frame and each adjustable wedge block shall be attached to the slide with two corrosion-resistant fasteners.

(5) Fasteners: All anchor bolts, assembly bolts, screws, nuts, etc., shall be of ample section to safely withstand the forces created by operation of the gate while subjected to the heads shown on the Drawings. Quantity and size of fasteners shall be as recommended by the gate manufacturer. Anchor bolts shall be furnished with two nuts to facilitate installation.

(6) Materials: The following listing defines the type of material for the component parts of the gate, lift, stem, and accessories included in this Paragraph.

Wall Thimble	Ni-Resist
Frame and Slide	Ni-Resist
Seating Faces	Bronze
Side Wedge Blocks	Ni-Resist
Contact Faces	Stainless Steel
Side Wedges	Stainless Steel
Top and Bottom Wedges	Stainless Steel
Fasteners	Stainless Steel
Stem	Stainless Steel
Stem Block	Ni-Resist
Stem Splice	Stainless Steel
Stem Guides	Ni-Resist, Bronze Bushed

Materials shall conform to the requirements of the following ASTM Standards. When more than one alloy, type, and grade of material is shown, the exact alloy furnished shall be the manufacturer's option.

Austenitic Gray Iron Casting (Ni-Resist)	A 436, Type 2 or 2b
Stainless Steel (Seating Faces and Anchors)	A 276, Type 302 or 304
Manganese Bronze (Lift Nuts and Wedges)	B 147, Alloy 8A
Naval Bronze (Faces and Stems)	B 21, Alloy B
Phosphor Bronze (Faces)	B 139, Alloy A
Silicon Bronze (Fasteners)	B 98, Alloy A, B or D
Silcon Bronze (Castings)	B 198, Alloy 12A
Stainless Steel (Fasteners)	A 320, Grades B8 or B8F (Bolts)
	A 194, Grades 8 or 8F (Nuts)
Stainless Steel (Stems and Anchors)	A 582, Type 303

(7) Lifts, Stems, and Stem Guides: Lifts shall have bell or roller bearings above and below the lift nut, proportioned amply for all loads which can be applied, lubrication by grease cup, bronze lift nut, machined cast iron hold down and base. Unless otherwise shown on the Drawings, hand wheels shall be 24-inch diameter for gate sizes 18-inch width and smaller, 30-inch diameter for gates of 20-inch and larger widths. Lifts shall be supported on pedestals as

shown on the Drawings. Stems shall be proportioned so that the unsupported length does not exceed an l/r value of 120 for either full stem diameter or the net diameter at root of thread. Intermediate stem guides for pedestal lifts shall be fully adjustable about the two axes normal to the stem.

(8) Surfaces shall be cleaned by sandblasting to base metal, and shall be dry and free from grease before shop painting. Exposed machined and bearing surfaces shall be coated with a water-resistant rust preventive compound. Enclosed machined and bearing surfaces shall be coated with water-resistant grease. The exterior surfaces of the lift assemblies shall be shop painted with a machinery enamel. All other assembled units shall be given one shop coat of the manufacturer's standard primer.

(b) Drawings showing the weights, dimensions, and essential details required to locate and install the gate, stem, lift and accessories shall be submitted to the Engineer for approval prior to fabrication.

(c) Installation of all parts shall be done by the Contractor in a workmanlike manner. The manufacturer shall furnish necessary installation drawings and an installation, operation, and maintenance manual. The Contractor shall handle, store, and install the wall thimble, gate, operating mechanism, stem, stem guides, and accessories in strict accord with the manufacturer's drawings and recommendations. Care shall be taken during mounting of gate to avoid warping the gate frame and to maintain clearance between seating face. After the entire assembly has been installed, properly lubricated, adjusted, and checked by the Contractor, the gate shall be operated through one cycle - "OPEN, CLOSE, OPEN", or "CLOSE, OPEN, CLOSE".

Section No. 8
Page 8-3
Paragraph 8.05(d)(2) Add the following:

"Brick shall match existing."

Section No. 8 Cont'd
Page 8-10
Paragraph 8.10(a)

Add the following:

"Windows in the Filter Building shall have project-in ventilators and shall be fitted with spring catch of white nickel bronze with polished finish, for pole operation."

Page 8-18

Add the following paragraph:

8.21 "Storage Cabinets: Storage cabinets shall match existing units. Existing units are Kewaunee Laboratory Furniture SW1106."

Page 8-18

8.22 Plastering: Work under this contract includes furnishing all materials and performing all labor required for placing plaster in areas shown on the drawings.

(a) Preparation: All exterior walls to be plastered shall be prepared for plastering by wire brushing and the application of one coat bituminous sealer. The bituminous sealer shall be of Inertol manufacture , #7 black. The sealer shall be thoroughly brushed into the brickwork, and applied at the rate of not less than 250 square feet per gallon. Particular care shall be given to the application of the sealer where wall face joins roof and around all openings. The sealer shall be allowed to dry at least 24 hours before the application of any plaster.

(b) Lath: Upon completion of sealer application the entire wall surfaces, window and door jambs, sills and heads shall be covered with galvanized diamond mesh steel lath properly secured to the main wall and to all other surfaces to be plastered.

(c) Plastering: Plaster shall be applied in three coats in accordance with the following: Scratch coat shall be composed of one part Portland cement, three parts sand, 15% lime putty, plus 15 lbs. of fiber per cubic yard; brown coat to be mixed same as scratch coat except 7-1/2 lbs. of fiber per cubic yard; finish coat to be one part white Portland cement to two parts sand, plus 20% lime putty. Application of plaster shall be in accordance with the following: The scratch coat shall be positioned firmly against lath so as to obtain good keying and bonding, and the surface shall be scraped to provide surface for the brown coat. Scratch coat shall be firm and hard before application of brown coat. The brown coat shall be applied, rodded and floated, to a true even

finish. When the brown coat is firm and hard, it shall be dampened by a light sprinkling of water. The finish coat shall then be applied and shall be floated to an even fine sand texture. Plastering work shall not be done except by the best of skilled plasters.

(d) Protection of the Work: All walls and work shall be carefully covered, boxed and protected during bad weather, and suitable boxing shall be placed where work is liable to injury in the manner described by the Engineer. Any damage or unsatisfactory work shall be replaced by the Contractor at his own expense.

(e) Built-In- Items: All cutting and fitting to make connections with classes of work shall be done. All wall plates, columns, beams, lintels, wall flashing, sleeves and other such work shall be carefully built in, as well as all electric conduit, wooden grounds or other materials, equipment and fixtures as may be required.

Section No. 9
Page 9-14
Paragraph 9.28

Add the following:

"Bulk lime storage hoppers and 6000 gallon fluoride storage tank may or may not be included with chemical feed equipment."

Page 9-14
Paragraph 9.28(d)

Add the following:

"Provide indicator lights for local Bindicator switches. Only low level shall be connected to annunciator in the Central Monitoring Control Panel."

Page 9-14
Paragraph 9.29

Add the following:

"Carbon feed control station shall be located in the Central Monitoring Control Panel. Provide two (2) hydraulic ejectors, Penbirthy Series 66P, at point of application."

Page 9-14
Paragraph 9.30

Change second sentence to read as follows:

"Each pump shall have a capacity of 500 GPD, and shall be furnished with SCR variable speed drive with speed readout, 1/4 HP, 115 volt D.C. TEFC motor for flow proportional control. Pump shall be furnished with a manual stroke positioner with digital counter and pump mounting table."

Section No. 9 Cont'd Page 9-14 Paragraph 9.30	Add the following: "Shut-off valves for fluoride service shall be iron body hard rubber lined, flanged, diaphragm type Grinnell No. 2521-1-R-2 or No. 2834-1-SS, or equal. Backpressure valves shall be Wallace and Tiernan Kynar Valve No. U24.007, or equal. Check valves shall be cast iron body, Kynar lined, flanged, TFE Ball Check valves, Peabody Dore' Model 770, or equal."
Page 9-15 Paragraph 9.34(a)(7)	Change to read as follows: "2-2 inch Bellofram type injector."
Paragraph 9.34(c)(3)	Change to read as follows: "Four - chlorine gas pressure regulators and filters with four extra filter pads, four isolation valves and unions."
Paragraph 9.34(c)(4)	Change to read as follows: "Eleven - 2 inch PVC diffusers with PVC ball valves, six for raw water and five for finished water."
Paragraph 9.34(c)(7)	Add the following: "Chlorine feed alarm accuator shall be located in the annunciator."
Paragraph 9.34(d)	Add the following paragraph: "Post chlorine shall be controlled by a pneumatic proportional band controller installed in the post chemical building. The chlorine feed rate shall be proportional to flow or the combination of flow and residual chlorine."
Section No. 14 Page 14-1 Paragraph 14.02	Change to read: 14.02 <u>Ductile Cast Iron Pipe Thickness</u>: Ductile cast iron pipe class designation required is indicated in the following table, in accordance with the requirements of AWWA Specification C 151-76.

Location	Pipe Size	Class Designation	Cover Requiring Special Bedding
Line A	20"	50	12 feet and over
Sta. 27+00 to 86+00	20"	50	12 feet and over
	16"	50	12 feet and over
Line B	36"	52	12 feet and over
	36"	52	12 feet and over
Line C	16"	50	12 feet and over
Line D	16"	50	12 feet and over
Yard Piping	42"	52	12 feet and over
	36"	52	12 feet and over
	30"	51	12 feet and over
	24"	51	12 feet and over
	20"	50	12 feet and over
	16"	50	12 feet and over

Special bedding shall be Type 5 in accordance with AWWA Specification C151-76.

Fittings shall be mechanical joint type. Designed for the preceding pressures with a safety factory of 2.5, but with minimum wall thickness previously specified.

All fittings except 90° bends shall be ASA short radius dimension, 90° bends shall be long radius.

Fittings shall be made of 60-42-10 or 80-60-03 ductile cast iron, and shall be cement mortar lined inside and bituminous coated outside as specified for pipe.

Connections 8-inch and smaller may be made using tapping saddles with corrosion resistant straps.

Access manholes where required shall conform to AWWA Standard C-208, Table 5 and shall include liner.

Restrained joints shall be "Lox-Tyton" or "Lok-Tyte" as manufactured by U. S. Pipe, or "Lok-Fast" as manufactured by ACIPCO.

Page 14-5
Paragraph 14.05(b)

Change first sentence to read:

"Outlets for connections for 6-inch blow-offs shall be tangent to the invert of the pipe and shall have mechanical joint bells."

Section No. 14 Cont'd
Page 14-5
Paragraph 14.05(d)

Change second sentence to read:

"Harnessed joints may be welded, subaqueous type or bell bolt type."

Page 14-6
Paragraph 14.05

Add the following:

(h) Access manholes where required shall conform to AWWA Standard C-208, Table 5 and shall include liner.

Page 14-8
Paragraph 14.08(a)

Changes as follows:

Change next to last sentence to read:

"Gate valves shall be furnished with N.R.S. with operating nuts."

Section No. 14
Page 14-8
Paragraph 14.08(e)

Add the following:

"Gate valves larger than 12 inches shall be furnished, double square bottom for horizontal installation with extended bevel gears, grease case, tracks, trunnions and scrapers, by-pass.

Section No. 14
Page 14-15
Paragraph 14.26(a)

Replace with the following:

(a) Payment: Rock excavation for Division One will be paid for at a unit price of fifteen and 00/100 ($15.00) Dollars per cubic yard as stated in the Proposal, such price to be in addition to that paid per foot of pipe line and to include the furnishing and placing of crushed stone to a depth of 6 inches below the barrel of the pipe, together with the hauling away and disposal of excavated rock. Rock excavation will be measured for payment for a width of trench equal to 4/3D plus 12 inches, where D is the nominal diameter of the pipe, the sides of trench being considered vertical, and to a depth of 6 inches below the barrel of the pipe. The minimum trench width for payment shall be 2 feet. The price for rock excavation for Division One stated above and shown in the Proposal has been established, in order to provide a better comparison of Bids. Should the Contractor feel this price is inadequate, he should adjust other unit prices in his bid to reflect the difference. The quantity of rock shown in the Proposal is an estimate based on a percentage of total excavation and is not based on test drillings. The Contractor shall investigate the work and determine for himself the actual quantity of rock he expects to encounter and should it differ from the quantity shown, adjust other unit prices in his bid to reflect the difference.

Excavation in Division Two is unclassified lump-sum and no separate payment will be made for rock excavation. Test drillings were made for Division Two for the purpose of determining foundations only. The results of the test drillings are available from Wiedeman and Singleton, Engineers for Five Dollars ($5.00), or may be inspected free of charge at the offices of Wiedeman and Singleton, Engineers or City Hall in Athens:

Section No. 14
Page 14-18
Paragraph 14.38

Add after first sentence:

"After testing and prior to sterilization, all pipe lines shall be thoroughly cleaned. The 36" pipe line may be cleaned, if necessary, by putting workmen inside the pipeline and removing dirt at the access manholes. All 16" and 20" pipelines shall be cleaned by use of cleaning pigs. The Contractor shall submit to the Engineer for approval of plans and schedules for cleaning pig operations.

Page 14-22
Paragraph 14.47

Change first sentence to read:

"Payment for pipe lines will be made in accordance with the unit prices bid in the Proposal which shall include the costs of furnishing and installing the pipe with a minimum cover of 4 feet."

Add the following sentence:

"Extra depth of cover must be authorized by the Engineer."

PLANS

DIVISION ONE

All Sheets
General Note

"Maintain 4 feet minimum cover except where required to go over obstructions at which case, if cover is less than 3 feet, Type 5 Bedding must be used."

Sheet No. 13

See Sketch No. 5 accompanying this addendum.

Add the following detail:

See Sketch No. 4 accompanying this addendum.

DIVISION TWO

Sheet No. 20 & 21	Change all piping indicated to be rubber lined to Saran lined steel piping.
Sheet No. 34	The following equipment will be furnished by the Owner: (a) Office chairs (b) Desk (c) File cabinets (d) Lockers
Sheet No. 35	See Sketch No. 1 and No. 2 accompanying this addendum.
Sheet No. 39	See Sketch No. 3 accompanying this addendum.

The Department of Labor has issued Building and Heavy Construction Rates for this project. The following is a classification of work to which these Rates apply.

HEAVY CONSTRUCTION

1. All yard piping.
2. All additions & modifications to the existing Chemical Building.
3. Flocculation & settling basins.
4. Modifications to existing settling basins.
5. Post Chemcial Building.
6. Filters (except superstructure).
7. Grading, grassing and landscaping.
8. All work associated with the above.

BUILDING CONSTRUCTION

1. Proposed Filter Building superstructure above EL 96.58.
2. Existing Filter Building superstructure above EL 96.50.
3. All modifications to main building (except instrumentation and removal of existing equipment and structure).
4. All work associated with the above.

U. S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION

REQUEST FOR DETERMINATION AND RESPONSE TO REQUEST

(Davis Bacon Act as Amended and Related Statutes)

FOR DEPARTMENT OF LABOR USE

Response To Request

a. ☐ Use area determination issued for this area

b. ☑ The attached decision noted below is applicable to this project

Decision Number: 76-GA-430

Date of Decision: 10/19/76

Expires: 2/15/77

Supersedes Decision Number:

Approved

Roy J. Dolan

Assistant Administrator
Wage and Hour Division

Requesting Officer (typed name and signature): Elaine Wabich

Department, Agency, or Bureau: DHUD- AAO

Phone Number: 526-6512

Date of Request: 9-20-76

Est. Advertising Date: 10-4-76

Est. Bid Opening Date: 11-2-76

Prior Decision Number (if any):

Est. $ Value of Contract: ☐ Under ½ Mil. ☒ 1 to 5 Mil. ☐ ½ to 1 Mil. ☐ Over 5 Mil.

Type of Work: ☒ Bldg. ☐ Highway ☐ Resid. ☒ Heavy

Location of Project (city or other description): City of Athens No. B-75-HN-13-0003

County: Clarke

State: Georgia

Address to which wage determination should be mailed. Must be complete and include ZIP Code. (Print or type)

Dept. of Housing & Urban Development
230 Peachtree St. N.W.
Atlanta, Ga. 30303
Attn: Elaine Wabich

Wage Survey by Agency Attached: ☐ YES ☐ NO NA

Wage Survey by Agency in Progress: ☐ YES ☐ NO NA

Description of Work (Be specific) (Print or type) B-75-HN-13-0003
A 16 Mgd addition to existing water treatment plant including flocculation & settling basins, filter Bldg. post chemical Bldg. chemical bldg. additions, clarifier equipment in existing settling basins, piping, etc.

CHECK OR LIST CRAFTS NEEDED
(Attach continuation sheet if needed)

___ Asbestos workers
___ Boilermakers
x Bricklayers
x Carpenters
x Cement masons
x Electricians
___ Glaziers
___ Ironworkers
x Laborers, *(specify classes)*
x Jackhammer & Vibrator
x Pipelayers (Concrete
x Clat & Cast Iron

___ Lathers
___ Marble & tile setters, terrazzo workers
x Painters
___ Piledrivermen
___ Plasterers
x Plumbers
___ Roofers
___ Sheet metal workers
___ Soft floor layers
___ Steamfitters
x Welders--rate for craft
x Truck drivers
x Power equipment operators, *(specify types)*
xx Bulldozer
x Trenching Machines
x Backhoe

Other crafts
x Manhole Builder

(THIS REPLACES FORMS DB-11 & DB-11a)

GPO : 1972 O - 471-527

STANDARD FORM- 333 JUNE 1972
U.S. DEPARTMENT OF LABOR
(29 CFR) Subtitle A, Part 5

Building Construction

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Oth
Air conditioning mechanic	4.25					
Bricklayers	6.09					
Carpenters	4.75					
Cement masons	5.42					
Dry wall finisher	4.96					
Millwrights	8.85					
Electricians Industrial	9.55	6%	7% + 1%		.5%	
Glaziers	3.45					
Ironworkers:						
Structural. Ornamental & Reinforcing	5.03					
Laborers:						
Unskilled	2.46					
Mason tenders	2.50					
Mortar mixers	2.50					
Pipelayers, concrete & clay	2.50					
Painters, brush	5.00					
Marble & tile setters, terrazzo workers	5.00					
Plumbers	6.99					
Roofers	3.50					
Sheet metal workers	5.17					
Soft floor layers	4.00					
Truck drivers	2.56					
Welders - rate for craft.						
POWER EQUIPMENT OPERATORS:						
Air compressors	3.60					
Asphalt rollers	2.48					
Asphalt spreaders	2.65					
Bulldozers	3.00					
Cranes, derricks, draglines	6.15					
Drill rig	5.54					
Forklift	3.50					
Front end loader	4.00					
Motor grader	4.00					
Oilers	4.93					

	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
Asphalt raker	$2.76					
Carpenter	3.42					
Carpenters' helper	2.40					
Concrete finisher (cement mason)	3.30					
Concrete finisher (cement masons) helper	3.00					
Drill operator	2.88					
Formsetter	2.92					
Ironworker, reinforcing	3.10					
Laborer	2.37					
Mason, structure (bricklayer, brick mason)	2.50					
Oiler-greaser	2.50					
Painter	5.00					
Piledrivermen (piledriver leadsman)	2.85					
Pipelayer	2.56					
Power tool operator (includes air tools chainsaws, power saws, etc.)	2.75					
Rodman (chainman)	2.85					
Truck drivers:						
Single rear axle or $2\frac{1}{2}$ tons & less	2.45					
Multi rear axle or over $2\frac{1}{2}$ tons	2.82					
Welder	4.00					
POWER EQUIPMENT OPERATORS:						
Asphalt distributor	2.90					
Asphalt paving machine (asphalt screed, asphalt spreader)	2.83					
Backhoes:						
$\frac{1}{4}$ c.y. or less	2.75					
over $\frac{1}{4}$ c.y.	3.00					
Bulldozer	3.19					
Concrete mixer	2.78					
Concrete paving machine (inc. slip form)	3.25					
Concrete paving saw	3.00					
Crane, derricks, draglines	3.94					
Front end loaders:						
1 c.y. or less	2.75					
over 1 c.y.	3.00					
Mechanic	3.45					
Mechanic helper	2.50					
Motor grader (motor partol)	3.50					
Paint striping machine (liner, spray machine)	3.00					
Pile driver	3.50					
Roller	2.50					
Scraper (pan)	3.05					
Shovel	3.50					
Stone spreader (aggregate spreader)	2.84					

POWER EQUIPMENT OPERATORS (Con't)	Basic Hourly Rates	Fringe Benefits Payments				
		H & W	Pensions	Vacation	App. Tr.	Others
Tractors:						
80 h.p. & less (farm type, crawler)	$2.42					
Over 80 h.p. (farm type, crawler)	3.00					

EQUAL EMPLOYMENT OPPORTUNITY

During the performance of this contract the Contractor agrees as follows:

(1) The Contractor will not discriminate against any employee or applicant for employment because of race, creed, color or national origin. The Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, creed, color, or national origin. Such action shall include, but not be limited to, the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

(2) The Contractor will, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, state that all qualified applicants will receive consideration for employment without regard to race, creed, color, or national origin.

(3) The Contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the labor unions or workers' representative of the Contractor's commitments under Section 202 of Executive Order No. 11246 of September 24, 1965, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

(4) The Contractor will comply with all provisions of Executive Order No. 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.

(5) The Contractor will furnish all information and reports required by Executive Order No. 11246 of September 24, 1965, and by the rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the Department of Housing and Urban Development and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

(6) In the event of the Contractor's noncompliance with the nondiscrimination clauses of this contract or with any of such rules, regulations, or orders, this contract may be cancelled, terminated, or suspended in whole or in part and the Contractor may be declared ineligible for further Government contracts or Federally-assisted

construction contracts, in accordance with procedures authorized in Executive Order No. 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order No. 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

(7) The Contractor will include the provisions of paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to Section 204 of Executive Order No. 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The Contractor will take such action with respect to any subcontract or purchase order as the Department of Housing and Urban Development may direct as a means of enforcing such provisions, including sanctions for noncompliance: Provided, however, that in the event the Contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the Department of Housing and Urban Development, the Contractor may request the United States to enter into such litigation to protect the interests of the United States.

EXHIBIT 1

U. S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

GRANT AGREEMENT

COMMUNITY DEVELOPMENT BLOCK GRANT PROGRAM

Upon execution of the Acceptance Provisions of this Grant Agreement, the Department of Housing and Urban Development (HUD) agrees to provide to the Grantee the Federal assistance under Title I of the Housing and Community Development Act of 1974 (P.L. 93-383) authorized by the Funding Approval identified therein, subject to the terms and conditions of this Grant Agreement, applicable law, regulations and all other requirements of HUD now or hereafter in effect. The Grant Agreement is effective with respect to such assistance as of the date the acceptance is executed and consists of each Funding Approval and acceptance hereto attached, together with the HUD approved application specified therein, including any Assurances, certifications, maps, schedules or other submissions made with respect thereto, the HUD Community Development Block Grant Regulations at 24 CFR Part 570 and the following General Terms and Conditions:

1. Definitions: Except to the extent modified or supplemented by the Grant Agreement, any term defined in Title I of the Housing and Community Development Act of 1974 or the HUD Community Development Block Grant Regulations at 24 CFR Part 570, shall have the same meaning when used herein.

(a) Agreement means this Grant Agreement, as described above and any amendments or supplements thereto.

(b) Applicant means the entity designated as such in the Funding Approval.

(c) Grantee means each entity designated as a recipient for grant or loan guarantee assistance in the Funding Approval and signing the acceptance provisions as Grantee under the Agreement.

(d) Assurances, when capitalized, means the certifications and assurances submitted with grant applications pursuant to the requirements of 24 CFR Part 570.

(e) Assistance provided under this Agreement means the grants and any loans secured by loan guarantees provided under this Agreement.

(f) Program means the community development program, project, or other activities, including the administration thereof, with respect to which assistance is being provided under this Agreement.

2. "Section 3" Compliance in the Provision of Training, Employment and Business Opportunities:

This Agreement is subject to the requirements of section 3 of the Housing and Urban Development Act of 1968 (12 USC 1701u), as amended, the HUD regulations issued pursuant thereto at 24 CFR Part 135, and any applicable rules and orders of HUD issued thereunder prior to the HUD authorization of the Funding Approval.

The Grantee shall cause or require to be inserted in full in all contracts and subcontracts for work financed in whole or in part with assistance provided under this Agreement, the section 3 clause set forth in 24 CFR 135.20(b).

The Grantee shall provide such copies of 24 CFR Part 135 as may be necessary for the information of parties to contracts required to contain the section 3 clause.

3. Flood Disaster Protection:

This Agreement is subject to the requirements of the Flood Disaster Protection Act of 1973 (P.L. 93-234). No portion of the assistance provided under this Agreement is approved for acquisition or construction purposes as defined under section 3(a) of said Act, for use in an area identified by the Secretary as having special flood hazards which is located in a community not then in compliance with the requirements for participation in the national flood insurance program pursuant to section 201(d) of said Act; and the use of any assistance provided under this Agreement for such acquisition or construction in such identified areas in communities then participating in the national flood insurance program shall be subject to the mandatory purchase of flood insurance requirements of section 102(a) of said Act.

Any contract or agreement for the sale, lease, or other transfer of land acquired, cleared or improved with assistance provided under this Agreement shall contain, if such land is located in an area

identified by the Secretary as having special flood hazards and in which the sale of flood insurance has been made available under the National Flood Insurance Act of 1968, as amended, 42 U.S.C. 4001 et seq., provisions obligating the transferee and its successors or assigns to obtain and maintain, during the ownership of such land, such flood insurance as required with respect to financial assistance for acquisition or construction purposes under section 102(a) of the Flood Disaster Protection Act of 1973. Such provisions shall be required notwithstanding the fact that the construction on such land is not itself funded with assistance provided under this Agreement.

4. Equal Employment Opportunity:

(a) Activities and contracts not subject to Executive Order 11246, as amended. In carrying out the program, the Grantee shall not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The Grantee shall take affirmative action to insure that applicants for employment are employed, and that employees are treated during employment, without regard to their race, color, religion, sex, or national origin. Such action shall include, but not be limited to, the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Grantee shall

post in conspicuous places, available to employees and applicants for employment, notices to be provided by the Government setting forth the provisions of this nondiscrimination clause. The Grantee shall state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, or national origin. The Grantee shall incorporate the foregoing requirements of this paragraph (a) in all of its contracts for program work, except contracts governed by paragraph (b) of this section, and will require all of its contractors for such work to incorporate such requirements in all subcontracts for program work.

(b) Contracts subject to Executive Order 11246, as amended. Such contracts shall be subject to HUD Equal Employment Opportunity regulations at 24 CFR Part 130 applicable to HUD assisted construction contracts.

The Grantee shall cause or require to be inserted in full in any nonexempt contract and subcontract for construction work, or modification thereof, as defined in said regulations, which is paid for in whole or in part with assistance provided under this Agreement, the following equal opportunity clause:

During the performance of this contract, the contractor agrees as follows:

(1) The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The contractor will take affirmative action to ensure

that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, sex, or national origin. Such action shall include, but not be limited to, the following: Employment, upgrading, demotion, or transfer, recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of this nondiscrimination clause.

(2) The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, or national origin.

(3) The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided by the Contract Compliance Officer advising the said labor union or workers' representatives of the contractor's commitment under this section and shall post copies of the notice in conspecuous places available to employees and applicants for employment.

(4) The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and

relevant orders of the Secretary of Labor.

(5) The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by the rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the Department and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

(6) In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of such rules, regulations, or orders, this contract may be canceled, terminated or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts or federally assisted construction contract procedures authorized in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

(7) The contractor will include the portion of the sentence immediately preceding paragraph (1) and the provisions of paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 25, 1965, so that such provisions will be binding upon each subcontractor or vendor. The

contractor will take such action with respect to any subcontract or purchase order as the Department may direct as a means of enforcing such provisions, including sanctions for noncompliance: Provided, however, that in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the Department, the contractor may request the United States to enter into such litigation to protect the interest of the United States.

The Grantee further agrees that it will be bound by the above equal opportunity clause with respect to its own employment practices when it participates in federally assisted construction work: Provided, that if the Grantee so participating is a State or local government, the above equal opportunity clause is not applicable to any agency, instrumentality or subdivision of such government which does not participate in work on or under the contract.

The Grantee agrees that it will assist and cooperate actively with the Department and the Secretary of Labor in obtaining the compliance of contractors and subcontractors with the equal opportunity clause and the rules, regulations, and relevant orders of the Secretary of Labor; that it will furnish the Department and the Secretary of Labor such information as they may require for the supervision of such compliance; and that it will otherwise assist the Department in the discharge of its primary responsibility for securing compliance.

The Grantee further agrees that it will refrain from entering into any contract or contract modification subject to Executive Order 11246 of September 24, 1965, with a contractor debarred from, or who has not demonstrated eligibility for, Government contracts and federally assisted construction contracts pursuant to the executive order and will carry out such sanctions and penalties for violation of the equal opportunity clause as may be imposed upon contractors and subcontractors by the Department or the Secretary of Labor pursuant to Part II, Subpart D of the executive order. In addition, the Grantee agrees that if it fails or refuses to comply with these undertakings, the Department may take any or all of the following actions: Cancel, terminate, or suspend in whole or in part the grant or loan guarantee; refrain from extending any further assistance to the Grantee under the program with respect to which the failure or refusal occured until satisfactory assurance of future compliance has been received from such Grantee; and refer the case to the Department of Justice for appropriate legal proceedings;

5. Lead-Based Paint Hazards:

The construction or rehabilitation of residential structures with assistance provided under this Agreement is subject to the HUD Lead-Based Paint regulations, 24 CFR Part 35. Any grants or loans made by the Grantee for the rehabilitation of residential structures with assistance provided under this Agreement shall be made subject to the

provisions for the elimination of lead-base paint hazards under subpart B of said regulations, and the Grantee shall be responsible for the inspections and certifications required under section 35.14(f) thereof.

6. Compliance with Air and Water Acts:

This Agreement is subject to the requirements of the Clean Air Act, as amended, 42 USC 1857 et seq., the Federal Water Pollution Control Act, as amended, 33 USC 1251 et seq. and the regulations of the Environmental Protection Agency with respect thereto, at 40 CFR Part 15, as amended from time to time.

In compliance with said regulations, the Grantee shall cause or require to be inserted in full in all contracts and subcontracts with respect to any nonexempt transaction thereunder funded with assistance provided under this Agreement, the following requirements:

(1) A stipulation by the contractor of subcontractors that any facility to be utilized in the performance of any nonexempt contract or subcontract is not listed on the List of Violating Facilities issued by the Environmental Protection Agency (EPA) pursuant to 40 CFR 15.20.

(2) Agreement by the contractor to comply with all the requirements of section 114 of the Clean Air Act, as amended, (42USC 1857c-8) and section 308 of the Federal Water Pollution Control Act, as amended, (33USC 1318) relating to inspection, monitoring, entry, reports, and information,

as well as all other requirements specified in said section 114 and section 308, and all regulations and guidelines issued thereunder.

(3) A stipulation that as a condition for the award of the contract prompt notice will be given of any notification received from the Director, Office of Federal Activities, EPA, indicating that a facility utilized or to be utilized for the contract is under consideration to be listed on the EPA List of Violating Facilities.

(4) Agreement by the contractor that he will include or cause to be included the criteria and requirements in paragraph (1) through (4) of this section in every nonexempt subcontract and requiring that the contractor will take such action as the Government may direct as a means of enforcing such provisions.

In no event shall any amount of the assistance provided under this Agreement be utilized with respect to a facility which has given rise to a conviction under section 113(c)(1) of the Clean Air Act or section 309(c) of the Federal Water Pollution Control Act.

7. Federal Labor Standards Provisions:

Except with respect to the rehabilitation of residential property designed for residential use for less than eight families, the Grantee and all contractors engaged under contracts in excess of $2,000 for the construction, prosecution, completion or repair of any building or work financed in whole or in part with assistance provided under this Agree-

[illegible], shall comply with HUD requirements pertaining to such contracts and the applicable requirements of the regulations of the Department of Labor under 29 CFR Parts 3, 5 and 5a, governing the payment of wages and the ratio of apprentices and trainees to journeymen: Provided, that if wage rates higher than those required under such regulations are imposed by state or local law, nothing hereunder is intended to relieve the Grantee of its obligation, if any, to require payment of the higher rates. The Grantee shall cause or require to be inserted in full, in all such contracts subject to such regulations, provisions meeting the requirements of 29 CFR 5.5 and, for such contracts in excess of $10,000, 29 CFR 5a.3.

No award of the contracts covered under this section of the Agreement shall be made to any contractor who is at the time ineligible under the provisions of any applicable regulations of the Department of Labor to receive an award of such contract.

8. Nondiscrimination Under Title VI of the Civil Rights Act of 1964

This Agreement is subject to the requirements of Title VI of the Civil Rights Act of 1964 (P.L. 88-352) and HUD regulations with respect thereto including the regulations under 24 CFR Part 1. In the sale, lease or other transfer of land acquired, cleared or improved with assistance provided under this Agreement, the Grantee shall cause or require a covenant running with the land to be inserted in the deed or lease that

such transfer, prohibiting discrimination upon the basis of race, color, religion, sex, or national origin, in the sale, lease or rental, or in the use or occupancy of such land or any improvements erected or to be erected thereon, and providing that the Grantee and the United States are beneficiaries of and entitled to enforce such covenant. The Grantee, in undertaking its obligation in carrying out the program assisted hereunder, agrees to take such measures as are necessary to enforce such covenant and will not itself so discriminate.

9. Obligations of Grantee with Respect to Certain Third Party Relationships:

The Grantee shall remain fully obligated under the provisions of the Agreement notwithstanding its designation of any third party or parties for the undertaking of all or any part of the program with respect to which assistance is being provided under this Agreement to the Grantee. Any Grantee which is not the Applicant, shall comply with all lawful requirements of the Applicant necessary to insure that the program with respect to which assistance is being provided under this Agreement to the Grantee is carried out in accordance with the Applicant's Assurances and certifications, including those with respect to the assumption of environmental responsibilities of the Applicant under section 104(h) of the Housing and Community Development Act of 1974.

10. Interest of Certain Federal Officials:

No member of or Delegate to the Congress of the United States, no Resident Commissioner, shall be admitted to any share or part of

this Agreement or to any benefit to arise from the same.

11. Interest of Members, Officers, or Employees of Grantee, Members of Local Governing Body, or Other Public Officials:

No member, officer, or employee of the Grantee, or its designees or agents, no member of the governing body of the locality in which the program is situated, and no other public official of such locality or localities who exercises any functions or responsibilities with respect to the program during his tenure or for one year thereafter, shall have any interest, direct or indirect, in any contract or subcontract, or the proceeds thereof, for work to be performed in connection with the program assisted under the Agreement. The Grantee shall incorporate, or cause to incorporated, in all such contracts or subcontracts a provision prohibiting such interest pursuant to the purposes of this section.

12. Prohibition Against Payments of Bonus or Commission:

The assistance provided under this Agreement shall not be used in the payment of any bonus or commission for the purpose of obtaining HUD approval of the application for such assistance, or HUD approval of applications for additional assistance, or any other approval or concurrence of HUD required under this Agreement, Title I of the Housing and Community Development Act of 1974 or HUD regulations with respect thereto; provided, however, that reasonable fees or bona fide technical, consultant, managerial or other such services, other than actual solicitation, are not hereby prohibited if otherwise eligible as program costs.

SECTION F

SUPPLEMENTAL GENERAL CONDITIONS

INSTRUCTIONS FOR CONTRACTORS REGARDING DEVELOPMENT OF AFFIRMATIVE ACTION PROGRAMS UNDER EXECUTIVE ORDER 11246

Executive Order 11246, as amended, required that construction contractors on Federally-assisted construction projects not discriminate in employment because of race, color, religion, sex, or national origin. The Executive Order further requires that these contractors "take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, sex, or national origin." An Equal Employment Opportunity Clause embracing these principles of "nondiscrimination" and "affirmative action" are required in every nonexempt federally-assisted construction contract.

The Department of Housing and Urban Development, at 24 CFR, Part 130, has issued rules and regulations, which set out, for HUD-assisted construction projects, equal employment opportunity requirements. These requirements provide that the applicant for HUD-assisted construction projects will include, or cause to be included, the equal employment opportunity clause in all non-exempt construction contracts.

HUD's rules and regulations further require that each construction contractor and subcontractor with a contract of $100,000 or more, on a HUD-assisted project costing a $1,000,000 or more develop a written affirmative action compliance program. The written affirmative action plans of contractors and subcontractors are subject to review and approval by HUD and shall:

1. Identify areas of employment, employment policies, and employment practices which require actions by the contractor or subcontractor to assure equal employment opportunity to all employees without discrimination because of race, color, religion, sex, or national origin;

2. Analyze these areas, policies and practices to determine what actions by said contractor or subcontractor will be most effective in assuring equal employment opportunity; and

3. Establish a plan, including, when there are deficiencies in minority utilization, the development of specific goals and timetables, designed to achieve equal employment opportunity through those actions identified as potentially most effective.

When developing a written affirmative action program, the contractor or subcontractor must realize that the essence of "affirmative action" is the policy of developing programs which will provide, in detail, for specific steps to guarantee equal employment opportunity keyed to the problems and needs of minority groups, including when these are deficiencies in minority utilization, the development of specific goals and timetables for prompt achievement of full equal employment opportunity. Affirmative action can be more clearly understood and effective when contractors strive toward the attainment of specific numerical goals for the employment and upgrading of minority workers within given time periods. Goals should be arrived at through analysis of present policies and practices and may provide a means by which contractors and HUD can judge the results of the specific affirmative action steps taken.

A contractor's affirmative action plan should provide at least the following elements:

I. Company's Equal Employment Opportunity Policy;

A statement which clearly states the company's policy of nondiscrimination in employment because of race, color, religion, sex, or national origin.

II. Coordination and Administration of Program:

Designate person and way to contact person who will be responsible for coordination of company's equal employment opportunity program. Also outline how policy and affirmative action program will be desiminated to all employees.

III. Analysis of:

A. Recruitment and Employment Practices;

Consider the extent to which present hiring practices and policies, including recruitment sources, act to exclude minorities from becoming applicants for employment with your company.

B. Work Force;

Consider the current extent of minority group employment in skilled, semi-skilled, and unskilled categories on all the company's projects.

C. Opportunities for Placement;

Consider the anticipated opportunities for placing new employees in skilled, semi-skilled or unskilled categories with company during the period in which the HUD-assisted work is being done.

IV. Establishment of Goals and Timetables;

Based on the analysis done in preceding Section, develop numerical goals (in numbers or percentage man-hours) to work toward within a given time period (time period within which HUD-assisted work will be done) in placing minorities in skilled, semi-skilled, or unskilled but trainee positions with your company.

V. Specific Affirmative Action Steps

Develop specific affirmative action steps which company will make in efforts to reach goals and thus provide equal employment opportunity.

SAMPLE AFFIRMATIVE ACTION PROGRAM FOR CONSTRUCTION CONTRACTOR

(Construction Company Letterhead)

Project No.: _____

Project Name: _____

Location: _____

Sponsor: _____

Affirmative Action Plan

I. Equal Employment Opportunity Policy

It is the policy of _____ Company not to discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. This policy extends to all matters relating to recruitment, hiring, promotion, transfer, recruitment or recruitment advertising, rates of pay and other forms of compensation, and selection for training.

Furthermore, it is the policy of this company to cooperate to the fullest extent with the applicable rules, regulations and orders issued pursuant to Executive Order 11246. It is intended that all officials and employees of this company be informed of this statement of policy and that this policy shall be applied to every phase of employee recruitment, including employment agencies, labor organizations and advertising.

II. Coordination and Administration of Program

1. The company vice-president, Mr. _____ will serve in the capacity of Equal Employment Opportunity Coordinator. He will be responsible for the overall administration of this Affirmative Action Plan and will assist in EEO matters at the Branch Office and at project construction sites.

2. Administration of this Plan at the project site will be the responsibility of the company's Project Manager.

3. Management will check with each superintendent bi-weekly to ensure that this company's equal employment opportunity obligations, policy, and plan are being implemented.

4. A copy of this affirmative action plan will be provided to each employee and posted on the company's bulletin boards at the main office, the branch office, and all project sites.

III. Analysis of

A. Recruitment and Employment Practices

1. We employ essentially four categories of craftsmen. Our brickmasons and equipment operators are referred from the Bricklayers Local #152 and the Operators Local #617, respectively. During the past year , Bricklayers Local #152 has referred approximately 71 employees to us, of which approximately 17, or 24% were minority. During that same period, the Operators Local #617 referred 11 employees, of which none were minority.

2. We secure our Carpenters and Laborers through walk-ins and word of mouth. During the past year we have employed approximately 63 Carpenters of which 3 were minority (approximately 5%). These were referred to the Carpenters Local #104 and admitted for membership. Of approximately 80 minority walk-in applicants, 60 were employed as Laborers.

B. Present Work Force

	Total	Non-Minority	Minority
Brickmasons	46	30	16
Operators	3	3	0
Carpenters	31	28	3
Laborers	54	5	49

C. Opportunities for Placement

During the period of the next 12 months we anticipate (because of attrition or expansion) employing maybe 50 new craftsmen by categories as follows:

Brickmasons	14
Operators	1
Carpenters	10
Laborers	25

IV. Goals and Timetables

Our minority employment goals for the next twelve month period is as follows:

Brickmasons	3
Operators	1 (oiler, trainee)
Carpenters	4

V. Specific Affirmative Action Steps

A. We will notify community organizations in writing that we are an equal opportunity employer and that we have employment opportunities available and will maintain records of the organizations' response. The following is a list of organizations we will notify:

1.
2.
3.

B. We will maintain a file of the names and addresses of each minority applicant referred to us and note what action was taken with each such referred applicant, and if the applicant was not employed, the reasons therefor. Where appropriate, applicant will be sent to union hiring hall for permit to work with our company.

C. We will promptly notify HUD when the union or unions with whom we have a collective bargaining agreement has not referred us a minority worker sent by us or we have other information that the union referral process impedes us in our efforts to meet our goals.

D. We will make specific efforts to encourage present minority employees to recruit their friends and relatives for positions we have available.

E. The company's EEO Coordinator will periodically inventory and evaluate all minority personnel in the Laborer category for promotional opportunities and encourage them to seek such opportunities where available.

F. The company will make sure that all facilities and company activities are non-segregated.

G. The EEO Coordinator will continually monitor all personnel activities to ensure that the company's EEO policy is being carried out.

H. We will solicit bids for subcontracts from available minority subcontractors engaged in the trades for which we need subcontractors. Where necessary, and possible, we will offer assistance to those minority subcontractors who bid or are awarded a subcontract with our company.

I. We will notify each subcontractor of his respective EEO obligation and actively cooperate with HUD in assuring compliance.

Signed: _____(Name)_____

_____(Title)_____

Note to Contractor:

This general outline may be used as a guide in developing an acceptable affirmative action program. Each program, however, should be tailored to the contractor's specific operation and needs.

PRINCIPLES OF AFFIRMATIVE ACTION PROGRAM FOR EQUAL EMPLOYMENT OPPORTUNITY

1. Prepare an Equal Employment Opportunity Policy. Make this policy known to all the employees and potential sources of employees.

2. Designate a person in a managerial capacity to coordinate equal employment opportunity efforts.

3. Assure non-discriminatory recruiting of staff taking appropriate steps such as:

   a. Placing employment advertisements in newspapers which serve the largest number of minority group people in the recruiting area.

   b. Recruiting through schools and universities having substantial proportions of minority students.

   c. Maintaining systematic contacts with minority and human relations organizations, leaders, and spokesmen to encourage referral of qualified minority applicants.

   d. Encourage present employees to refer minority applicants.

   e. Making it known to all recruitment sources that qualified minority members are being sought for consideration for professional, sub-professional and other office work whenever staff is needed.

4. Assure non-discriminatory hiring, taking appropriate steps such as:

   a. Instructing personally those of the staff who make hiring decisions that minority applicants for all jobs are to be considered without discrimination.

5. Assure that maximum use is made of sub-professional internship and other training to help equalize opportunity for minority persons such as:

   a. Sponsoring and assisting minority youths, as well as others, to enter sub-professional and professional training and making such training available to the maximum extent.

   b. Actively encouraging minority employees, as well as others, to increase their skills and job potential through participation in available training and education programs.

6. Assure non-discriminatory placement and promotion.

   a. Instruct personally those of the staff who make placement and promotion decisions that minority employees are to be considered without discrimination.

b. Encourage the promotion of minority employees who have increased their skills and job potential in accord with the affirmative action policies.

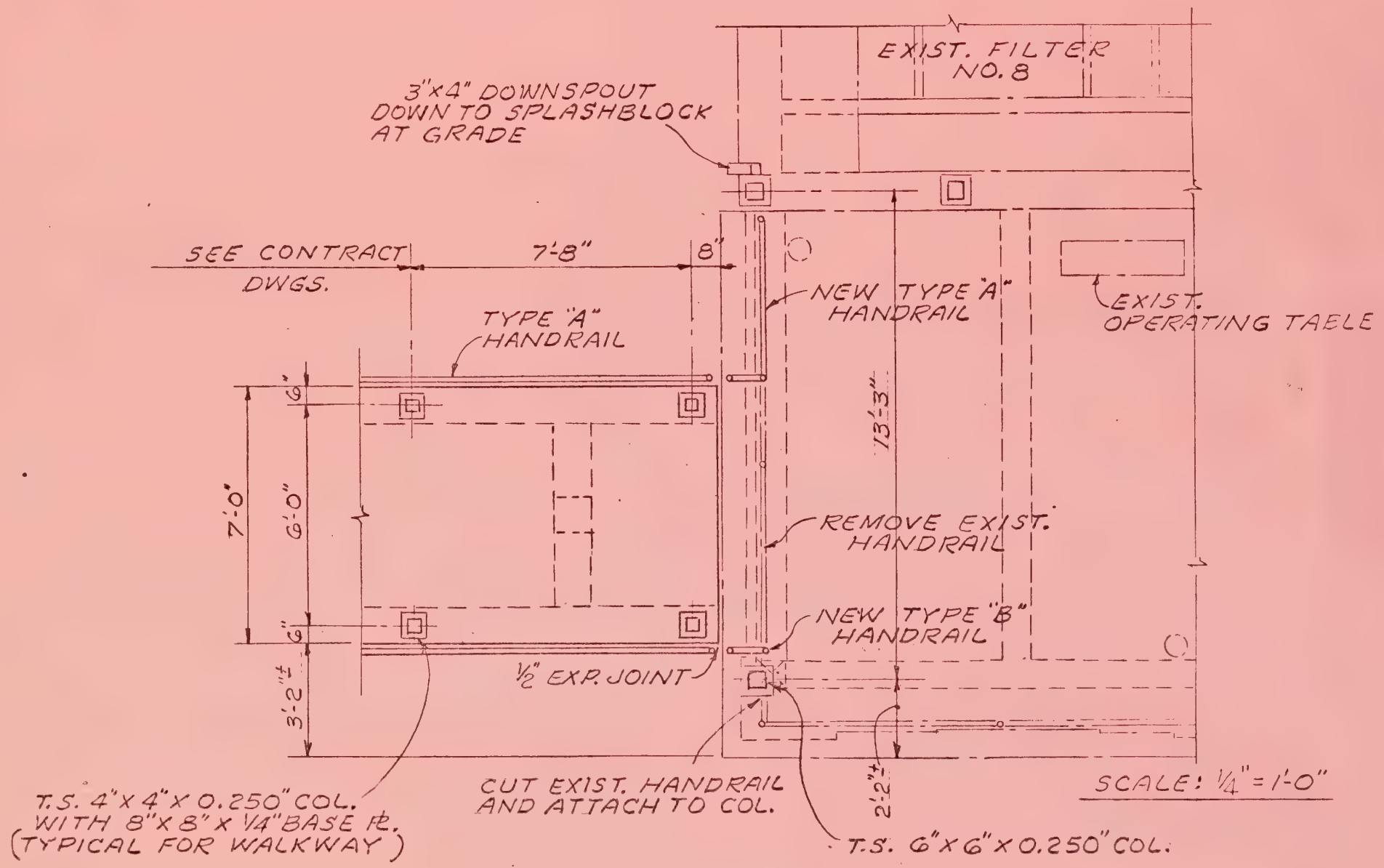
7. Assure non-discriminatory pay, other compensation and working conditions, taking appropriate steps as:

   a. Examining rates of pay and fringe benefits for present employees with equivalent duties, and adjusting any inequities found.

   b. Not reducing the compensation of existing employees who have been converted to on-the-job training status.

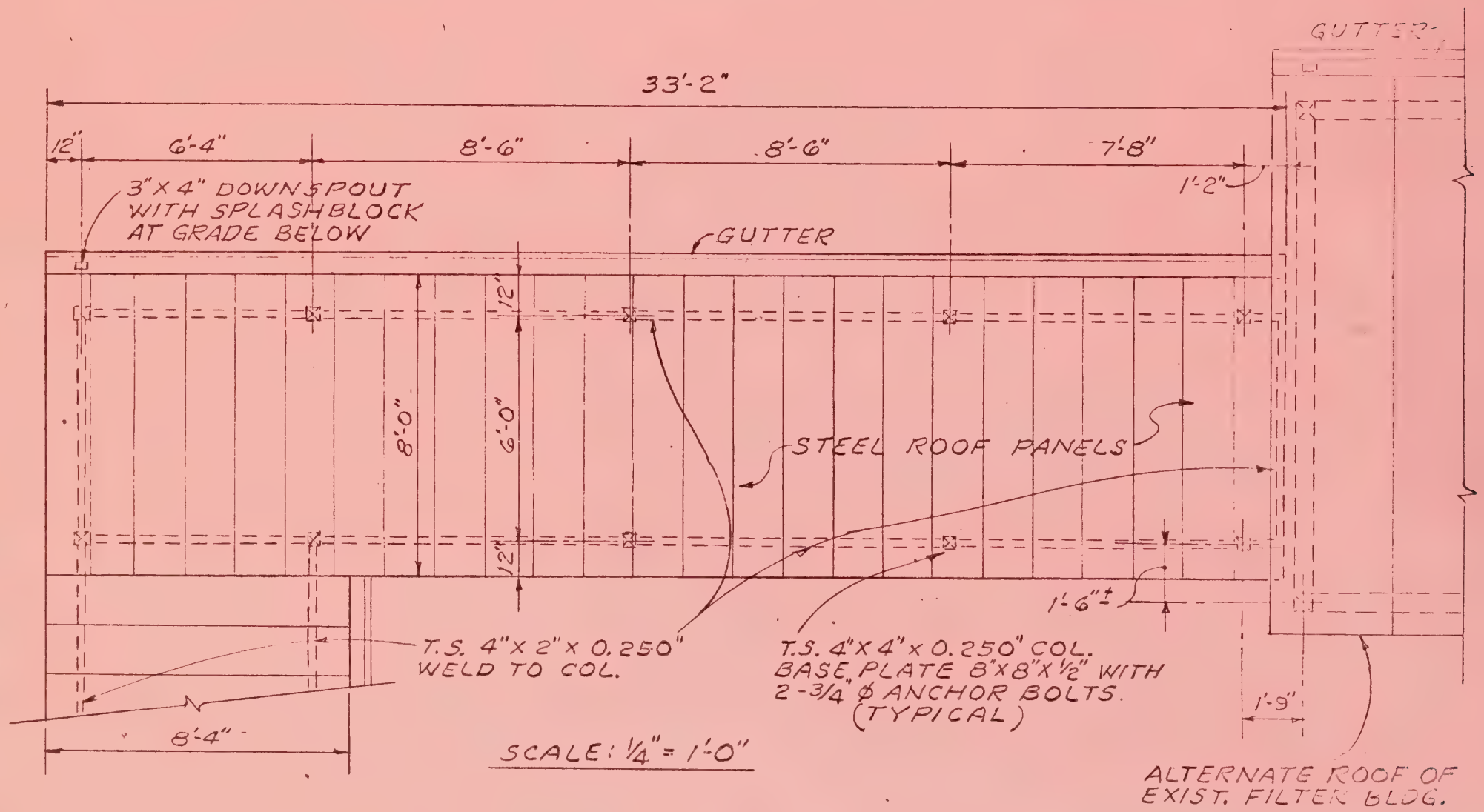
8. Encourage non-discriminatory contracting, taking appropriate steps such as encouraging minority group contractors and contractors with minority representation among their employees to submit proposals for contract work.

9. Follow through, questioning, verifying, making whatever changes or additions to the Equal Employment Opportunity Program that may be necessary to assure effectiveness.



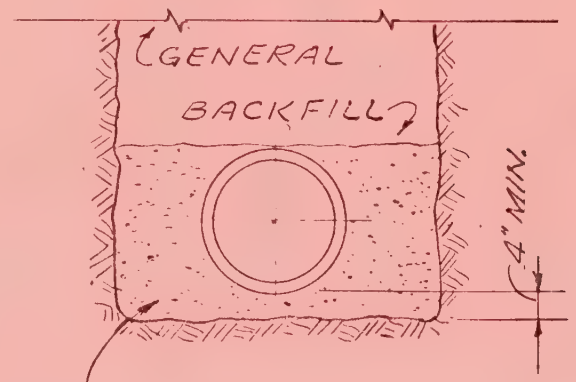
PLAN AT CONNECTION OF WALKWAY AND EXISTING FILTER OPERATING FLOOR
ALTERNATE "C"
SKETCH NO. 1

TO ACCOMPANY ADDENDUM NO. 1 DATED NOV. 12, 1976



PLAN AT CONNECTION OF WALKWAY CANOPY ROOF
AND EXISTING BUILDING ROOF
ALTERNATE "C"
SKETCH NO. 2

TO ACCOMPANY ADDENDUM NO. 1 DATED NOV. 12, 1976



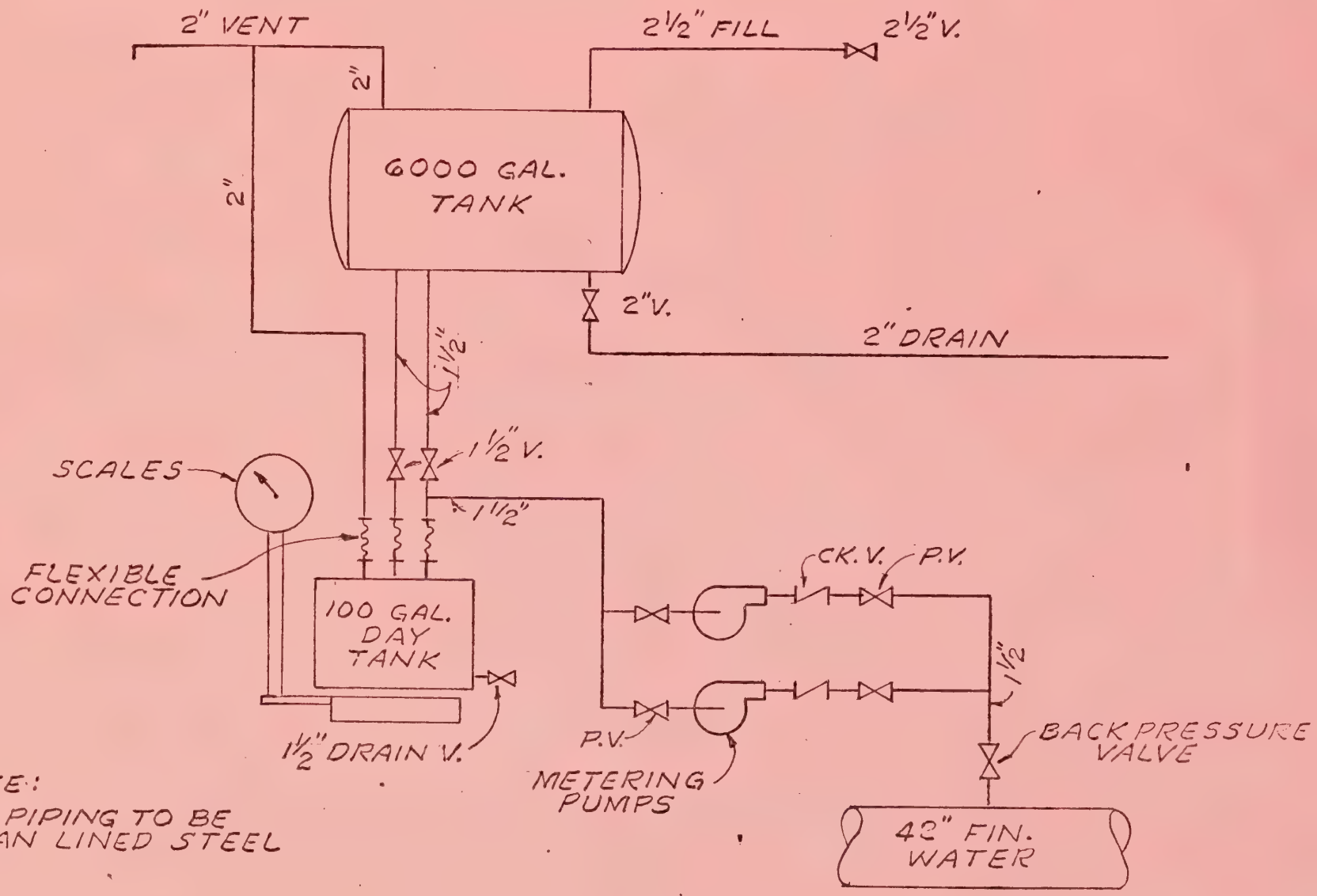
PIPE BEDDED TO ITS CENTERLINE
COMPACTED GRANULAR MATERIAL,
4 INCHES MINIMUM UNDER PIPE,
COMPACTED GRANULAR OR SELECTED
MATERIAL TO TOP OF PIPE.

NO SCALE

TYPE 5 BEDDING DETAIL

SKETCH NO. 4

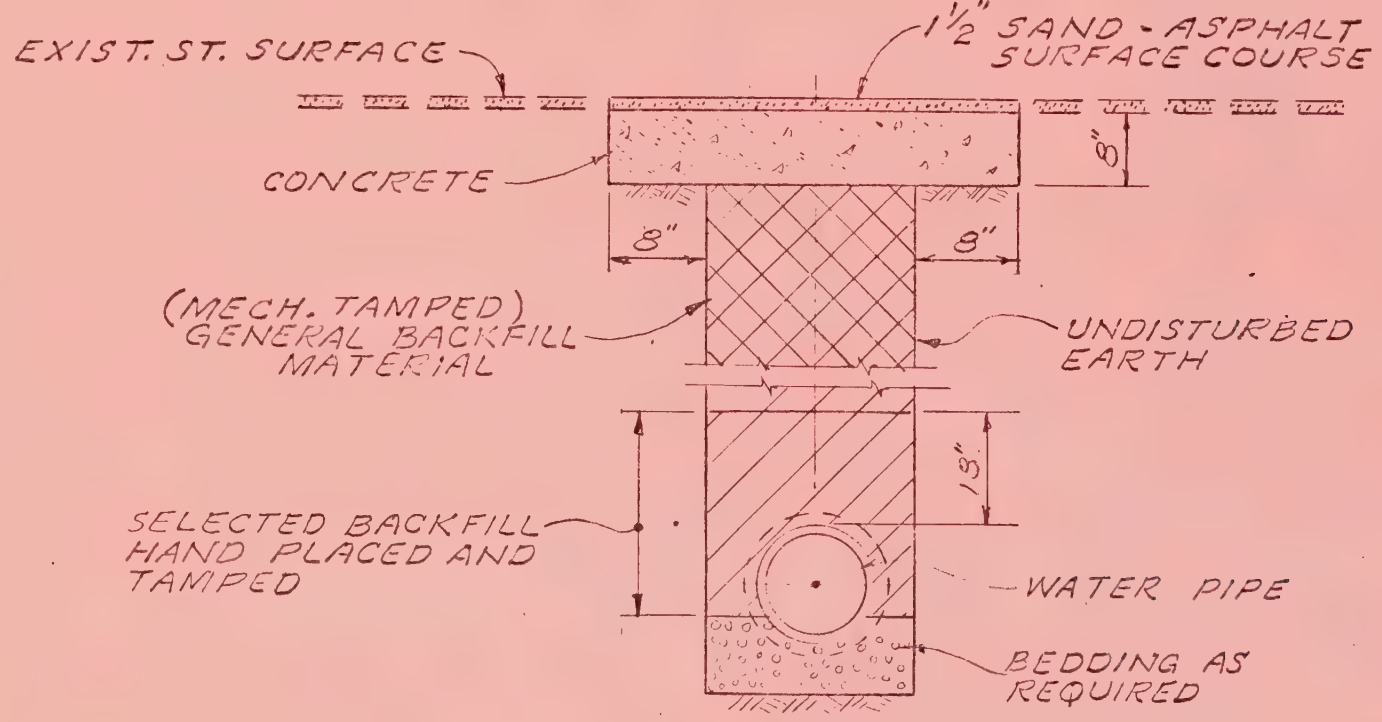
TO ACCOMPANY ADDENDUM NO. 1 DATED NOV. 12, 1976



NOTE:
ALL PIPING TO BE SARAN LINED STEEL

NO SCALE

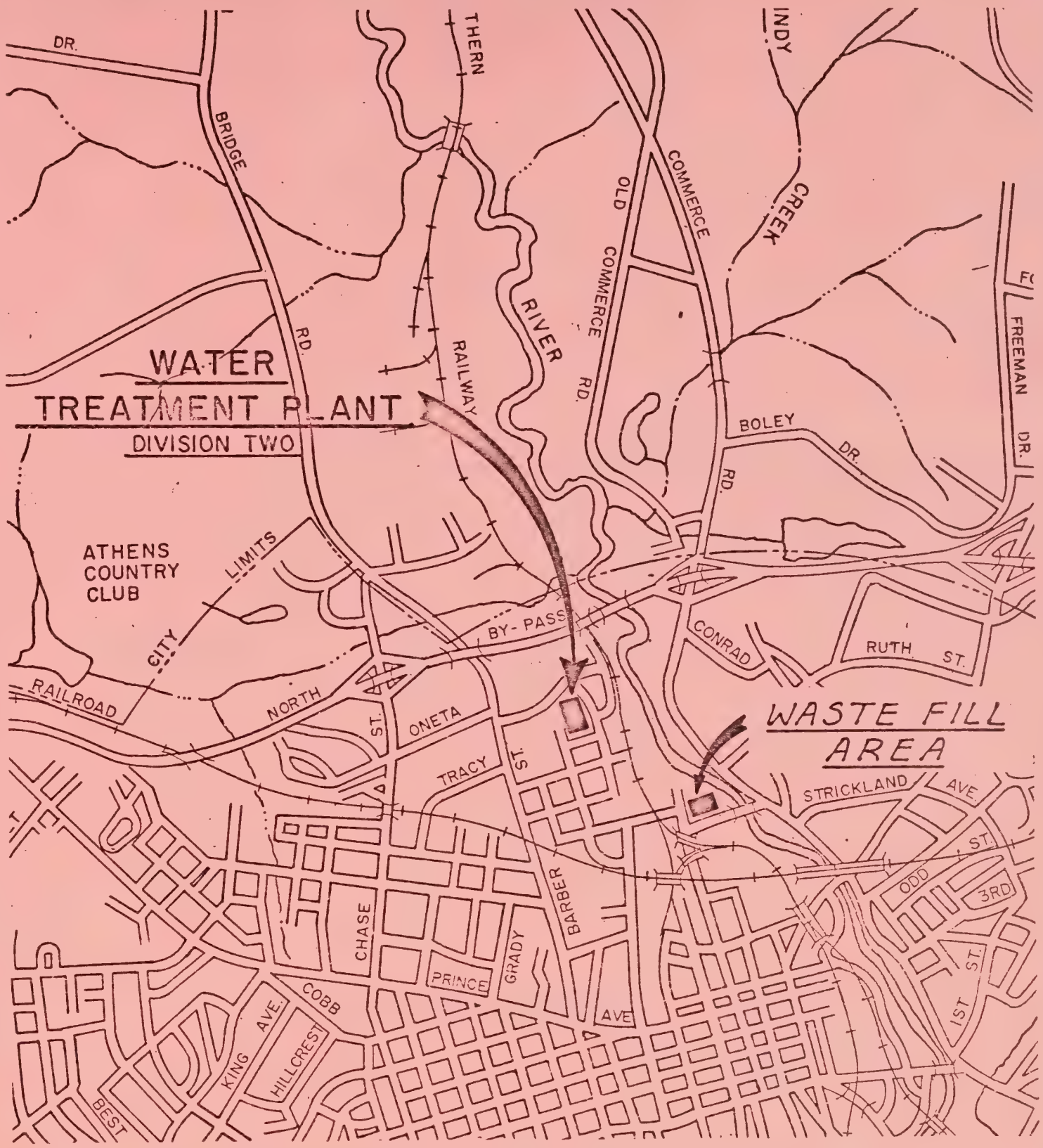
FLUORIDE FEED DIAGRAM
SKETCH NO. 3
TO ACCOMPANY ADDENDUM NO. 1 DATED NOV. 12, 1976



NO SCALE

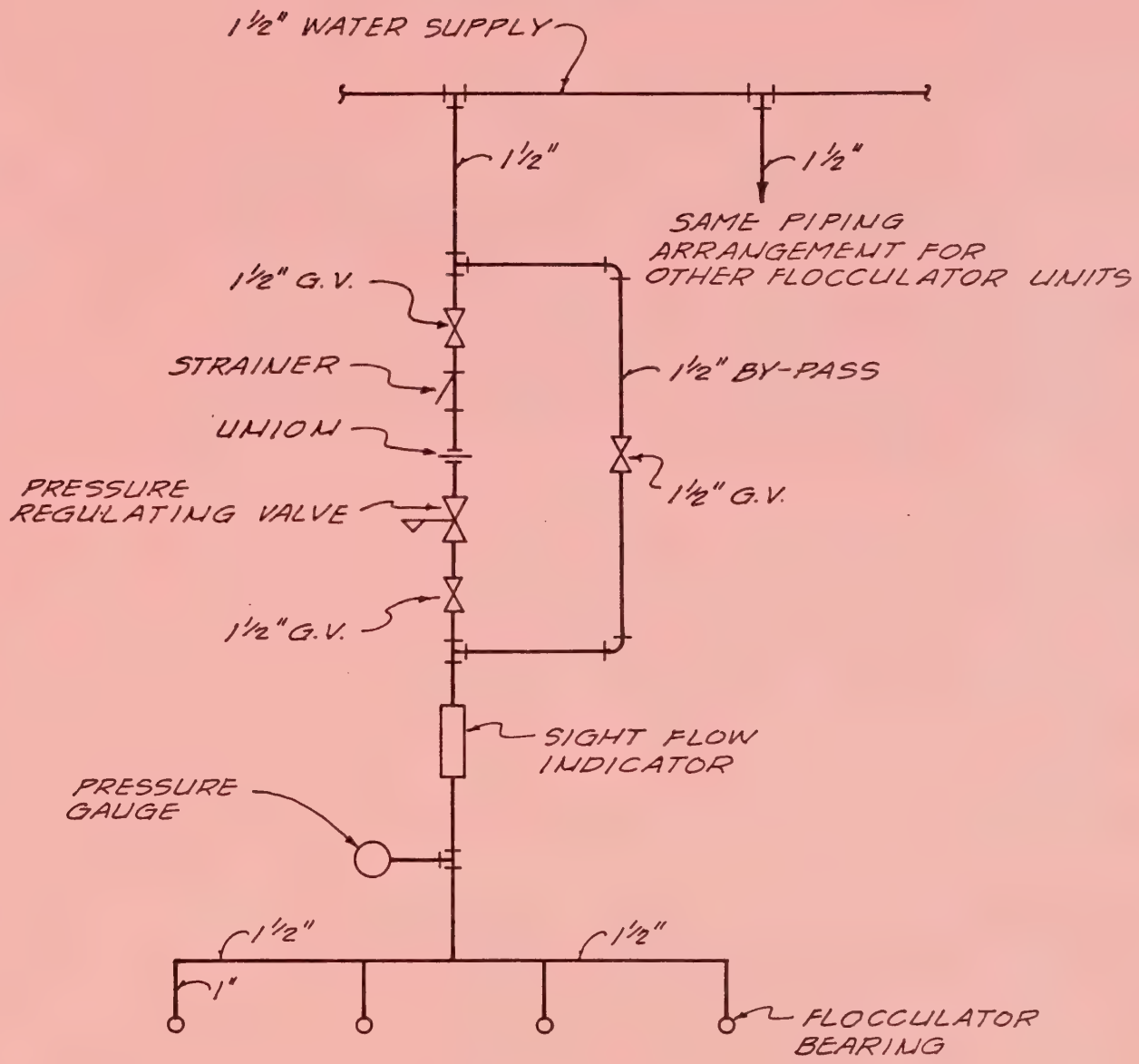
REPLACING ASPHALT PAVEMENT
CONCRETE BASE
SKETCH NO. 5

TO ACCOMPANY ADDENDUM NO. 1 DATED NOV. 12, 1976



LOCATION MAP
SHOWING WASTE FILL AREA
1" - 2000'

SKETCH NO. 2
TO ACCOMPANY ADDENDUM NO. 2 DATED NOV. 19, 1976



TYPICAL WATER SEAL PIPING FOR FLOCCULATOR BEARINGS

SKETCH NO. 1
TO ACCOMPANY ADDENDUM NO. 2 DATED NOV. 19, 1976

Pipe Size	Thickness	Gage
36"	.064	16
48"	.064	16
54"	.079	14
72"	.138	10

Shall meet the following specification:

AREA 1-4-13

PLANS

Sheet No. 1	See Sketch No. 2 accompanying this addendum.
Sheets Nos. 7, 10 and 12	Change four (4) 12" plug valves on basin drains to 12" gate valves.
Sheet No. 11	Add piping detail, see Sketch No. 1 accompanying this addendum.
Sheet No. 29	Change two (2) 12" plug valves on basin drains to 12" gate valves.

WIEDEMAN AND SINGLETON
ENGINEERS
ATLANTA, GEORGIA

November 19, 1976

ADDENDUM NO. TWO - DATED NOVEMBER 19, 1976

TO

CONTRACT DOCUMENTS AND CONSTRUCTION SPECIFICATIONS

FOR CONSTRUCTING

WATER WORKS IMPROVEMENTS

FOR

THE CITY OF ATHENS, GEORGIA

DIVISIONS ONE AND TWO

76 111
APPROVED FOR WATER SECTION ONLY
APPROVED
STATE OF GEORGIA
WATER SUPPLY SECTION
DEC 9 1976
ENVIRONMENTAL PROTECTION DIVISION
By Edward Uhlhorn

Bids received until 2:00 P.M., Local Time, December 2, 1976

PLANS AND SPECIFICATIONS ISSUED FOR THIS PROJECT ARE HEREBY AMENDED IN ACCORDANCE WITH ADDENDA GIVEN IN THE FOLLOWING. ALL PROPOSALS WILL BE SUBJECT TO THE PROVISIONS OF THESE ADDENDA. ALL BIDDERS SHALL ATTACH THIS ADDENDUM TO PROPOSAL.

SPECIFICATIONS

Section No. 9 Page 9-4 Paragraph 9.12(a)	Change second sentence to read: "The influent paddles shall rotate at 2 RPM, the second row at 1 RPM, and the third row at 0.75 RPM."
Page 9-5 Paragraph 9.12(e)	Add the following sentence: "Chain guards shall be furnished and installed for all drive chains."
Page 9-5 Paragraph 9.12(f)	Delete last two sentences.
Section No. 14 Page 14-19 Paragraph 14.43(a)	Replace with the following: (a) Open Cut Method: The railroad company may allow casing across their spur tracks to be installed by the open cut method. The installation of the casing under the Southern Railroad spur line at the water treatment plant (Division Two) will be by the open cut method. The Contractor shall determine the length of time the track may be closed and shall schedule his work so that cut, installation of preassembled casing and compaction of backfill to 95% density shall be completed within the allotted time. The Contractor shall include in his bid the cost of the installation(s) complete, including the cost of railroad workmen and inspectors, if required, insurance and all other costs incidental thereto. Casing size and minimum thickness shall be as follows:

ADDENDUM NO. FOUR - DATED FEBRUARY 1, 1977

TO

CONTRACT DOCUMENTS AND CONSTRUCTION SPECIFICATIONS

FOR CONSTRUCTING

WATER WORKS IMPROVEMENTS

FOR

THE CITY OF ATHENS, GEORGIA

DIVISION ONE

Bids Received Until 2:00 P.M., Local Time, February 8, 1977

PLANS AND SPECIFICATIONS ISSUED FOR THIS PROJECT ARE HEREBY AMENDED IN ACCORDANCE WITH ADDENDA GIVEN IN THE FOLLOWING. ALL PROPOSALS WILL BE SUBJECT TO THE PROVISIONS OF THESE ADDENDA. ALL BIDDERS SHALL ATTACH THIS ADDENDUM TO PROPOSAL.

Section 14 Page 14-20 Paragraph 14.44	Add the following: Liner plates shall be as stated above with the exception of the following: Line "D" - Sta. 14 + 08 to Sta. 14 + 68 48" Dia. - 12 gauge - Section Modulus .0457 inches cubed per inch Line "B" - Sta. 29 + 95 to Sta. 31 + 27 72" Dia. - 10 gauge - Section Modulus .0590 inches cubed per inch Tunnel liner plates for the above two locations shall be of the 2-flange type, with lapped offset end joints with deep corrugations continuous through the joints. Gauge and average section modulus shall be as stated above. Plates shall be hot dip galvanized and bituminous coated for a dry film thickness of 50 mils.

WIEDEMAN AND SINGLETON
ENGINEERS
ATLANTA, GEORGIA

FEBRUARY 1, 1977

ADDENDUM NO. FOUR - DATED FEBRUARY 1, 1977

TO

CONTRACT DOCUMENTS AND CONSTRUCTION SPECIFICATIONS

FOR CONSTRUCTING

WATER WORKS IMPROVEMENTS

FOR

THE CITY OF ATHENS, GEORGIA

DIVISION ONE

Bids Received Until 2:00 P.M., Local Time, February 8, 1977

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Section 14
Page 14-20
Paragraph 14.44

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WIEDEMAN AND SINGLETON
ENGINEERS
ATLANTA, GEORGIA

FEBRUARY 1, 1977

ADDENDUM NO. FOUR - DATED FEBRUARY 1, 1977

TO

CONTRACT DOCUMENTS AND CONSTRUCTION SPECIFICATIONS

FOR CONSTRUCTING

WATER WORKS IMPROVEMENTS

FOR

THE CITY OF ATHENS, GEORGIA

DIVISION ONE

Bids Received Until 2:00 P.M., Local Time, February 8, 1977

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Page 14-20
Paragraph 14.44

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Liner plates shall be as stated above with the exception of the following:

Line "D" - Sta. 14 + 08 to Sta. 14 + 68
48" Dia. - 12 gauge - Section Modulus .0457 inches cubed per inch
Line "B" - Sta. 29 + 95 to Sta. 31 + 27
72" Dia. - 10 gauge - Section Modulus .0590 inches cubed per inch

Tunnel liner plates for the above two locations shall be of the 2-flange type, with lapped offset end joints with deep corrugations continuous through the joints. Gauge and average section modulus shall be as stated above. Plates shall be hot dip galvanized and bituminous coated for a dry film thickness of 50 mils.

WIEDEMAN AND SINGLETON
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ATLANTA, GEORGIA

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